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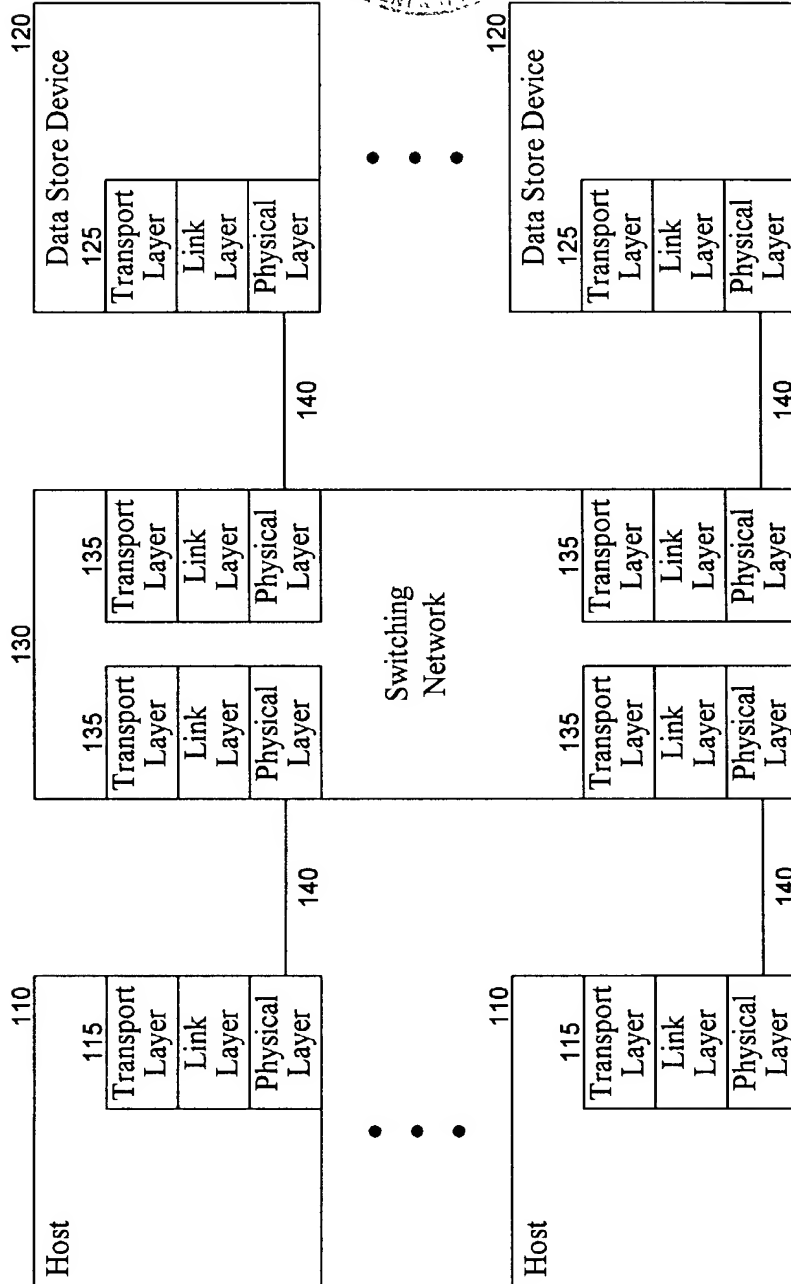


Fig. 1

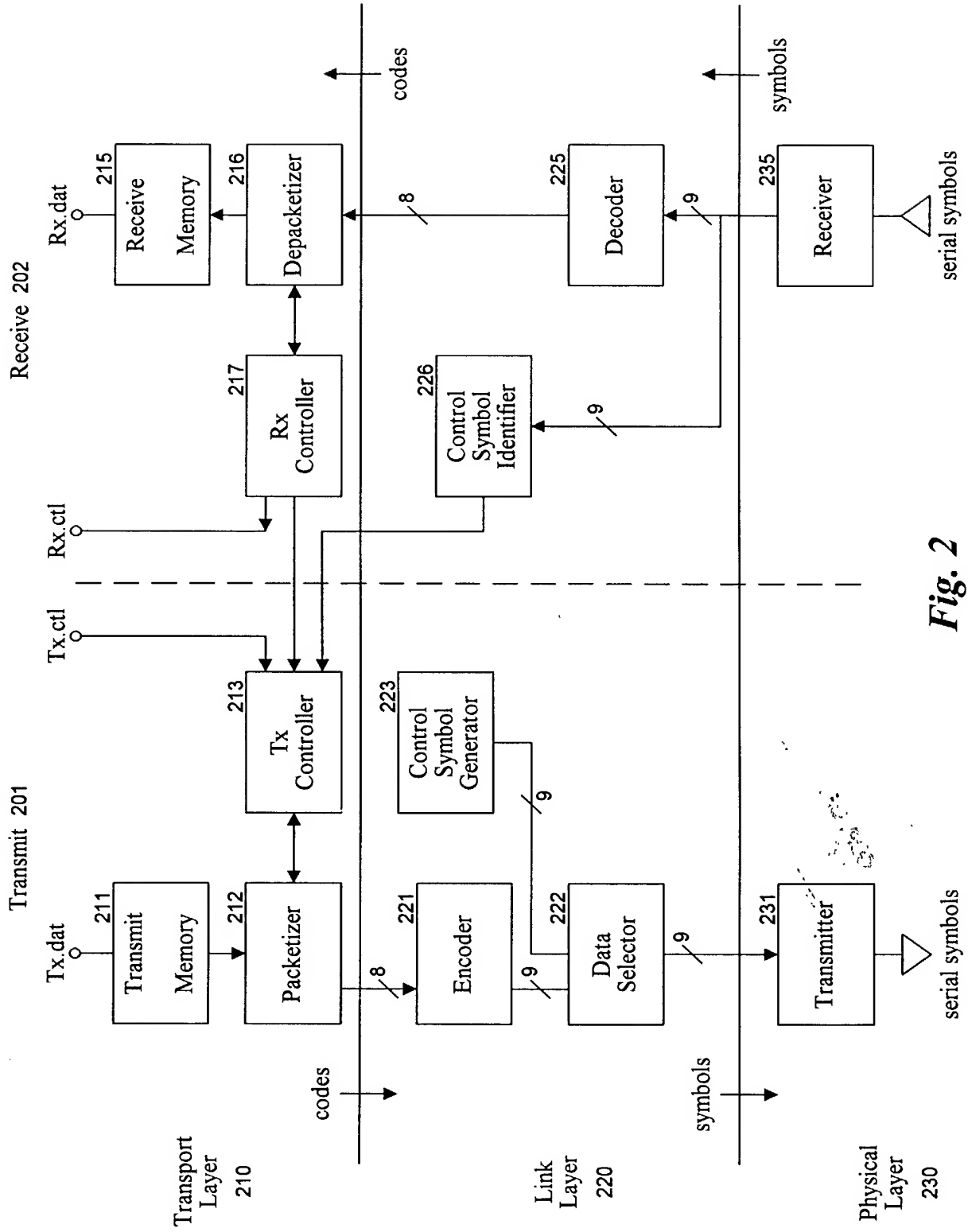
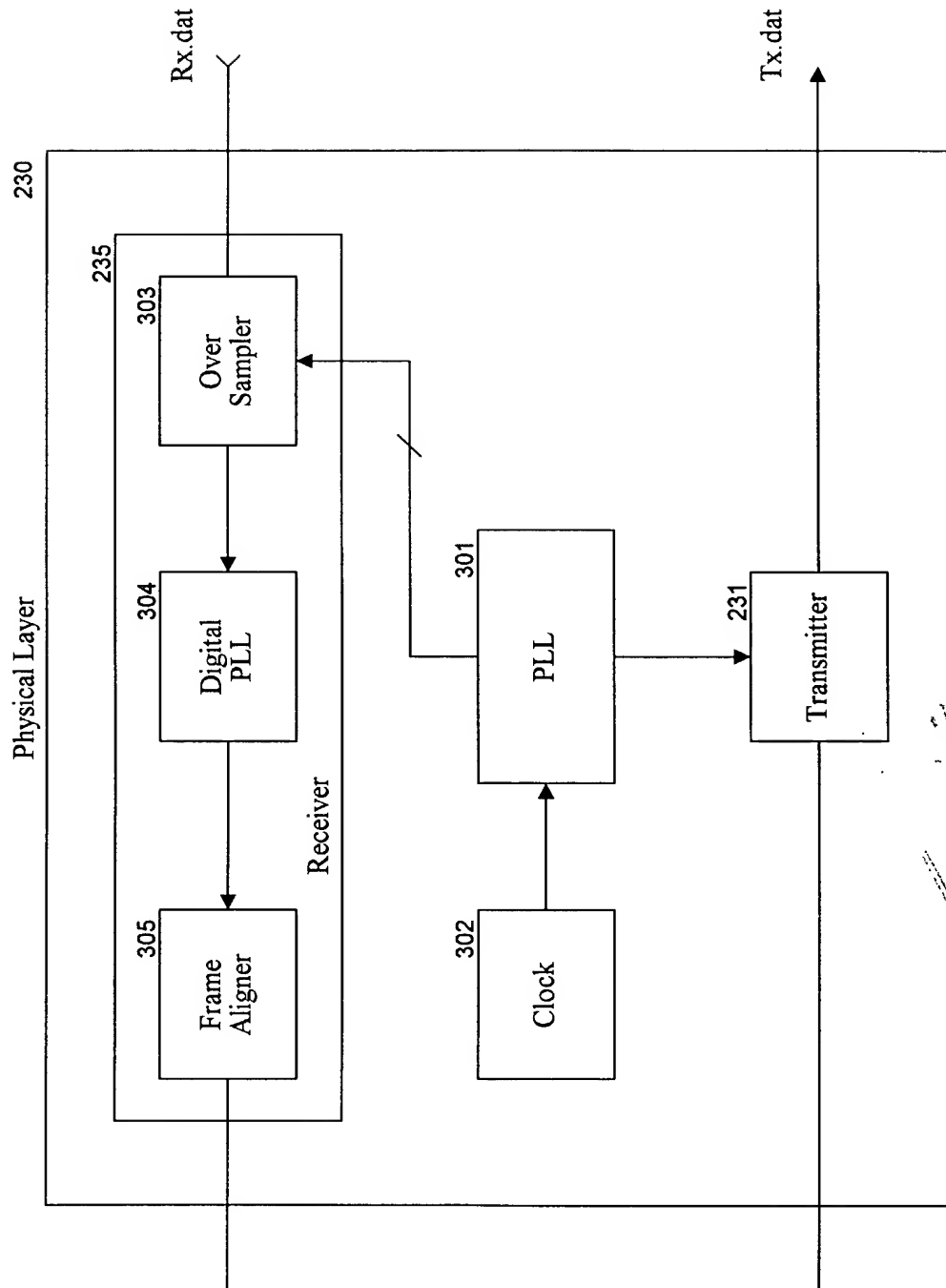
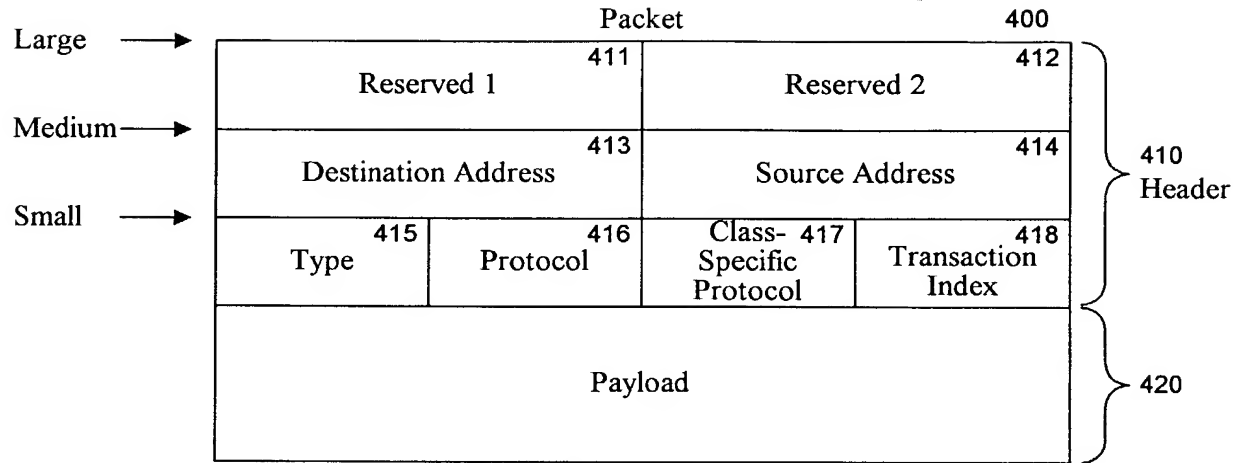


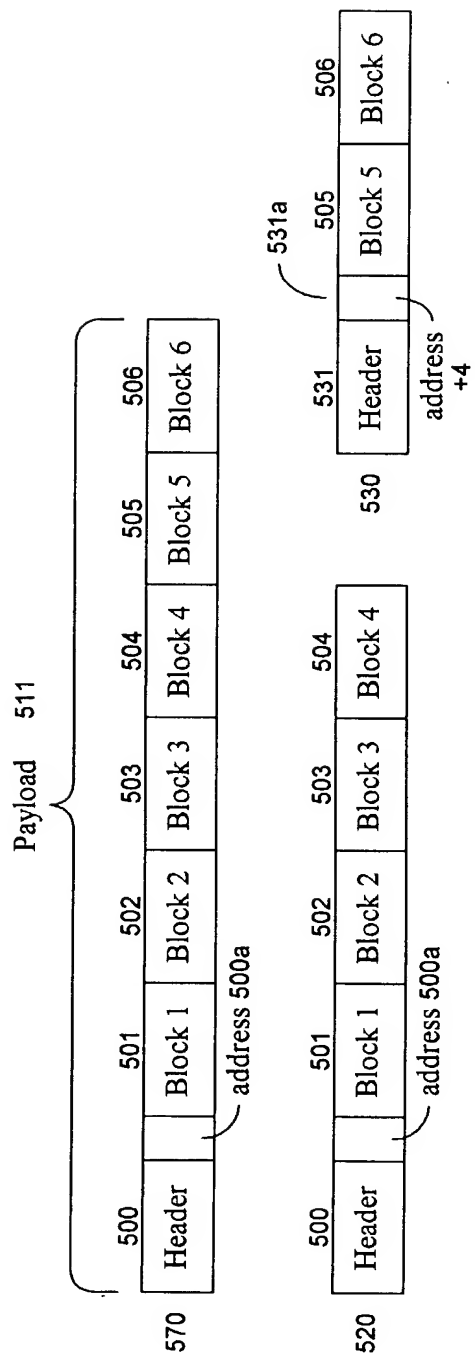
Fig. 2



**Fig. 3**



**Fig. 4**



**Fig. 5**

3004503, 1945002

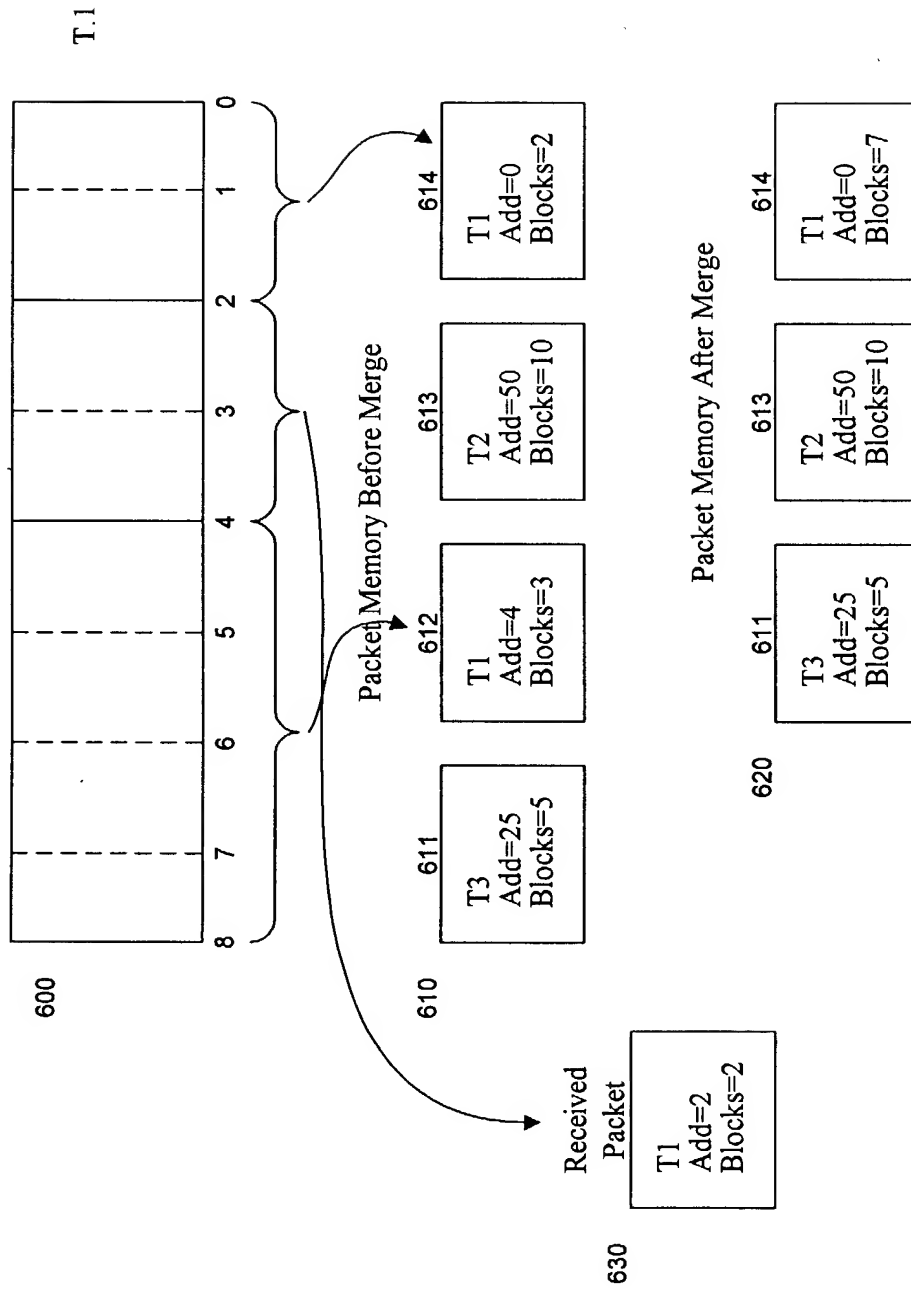
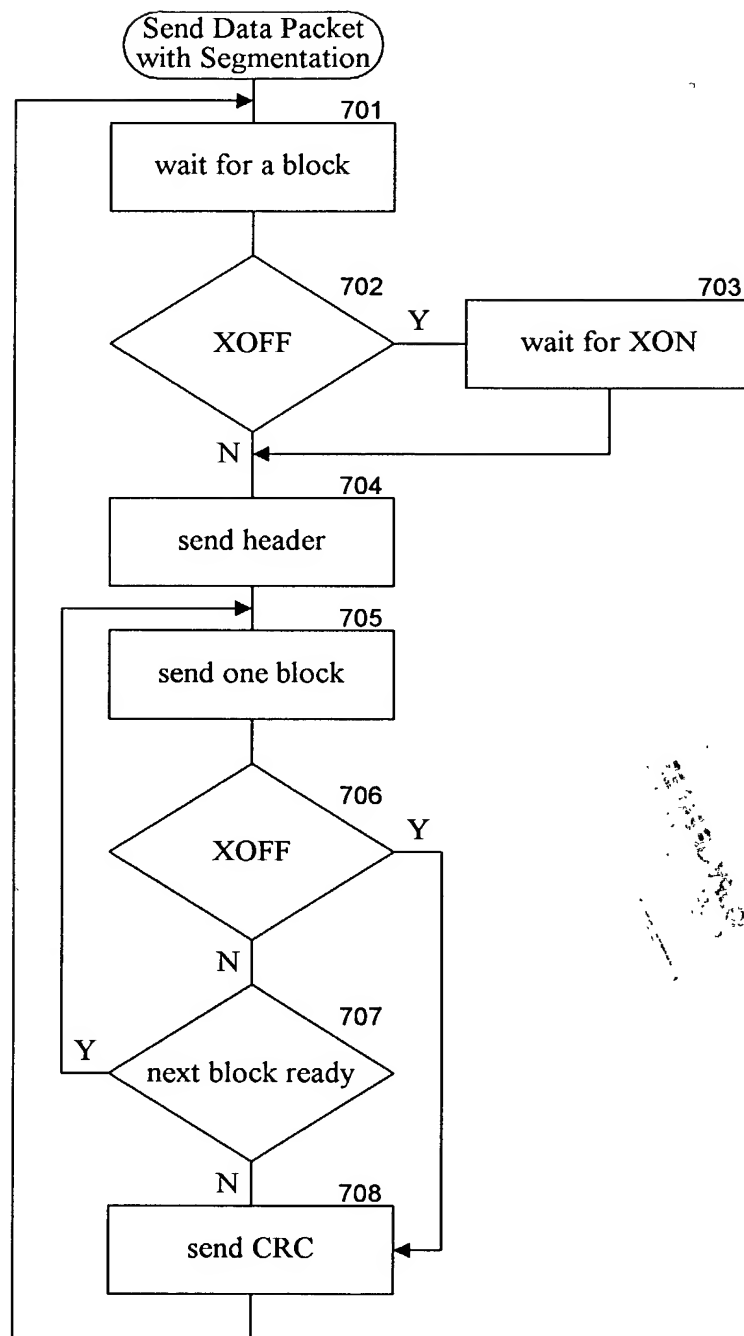
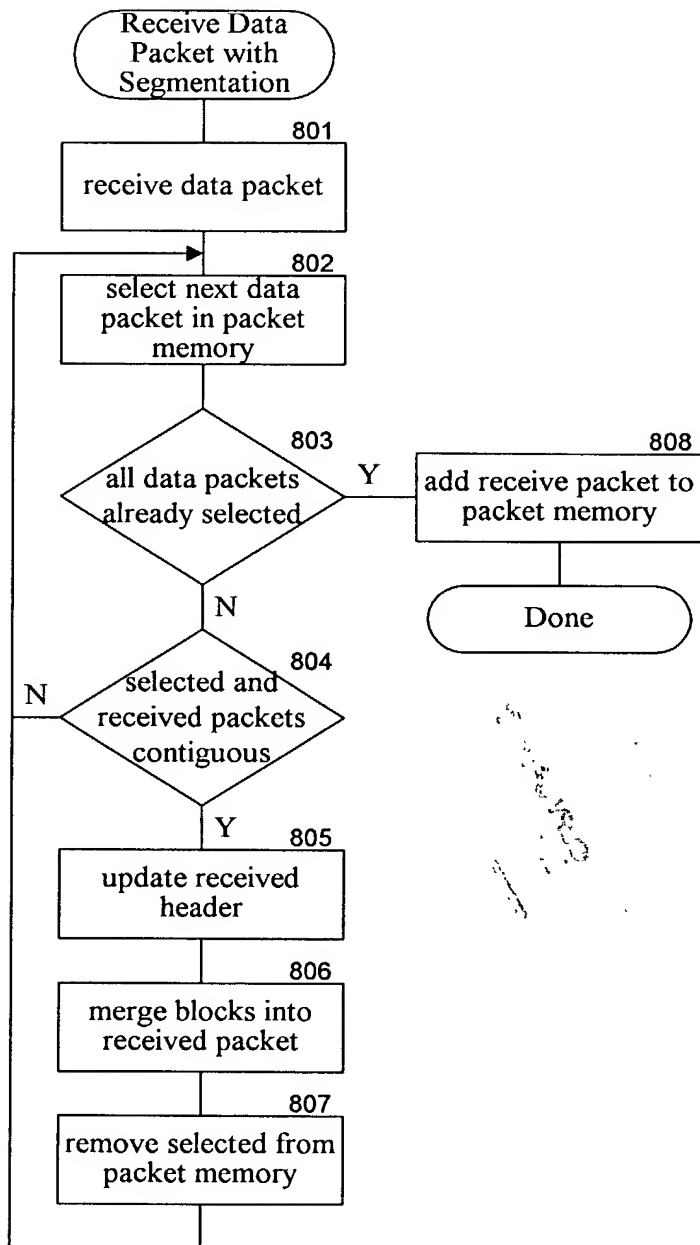


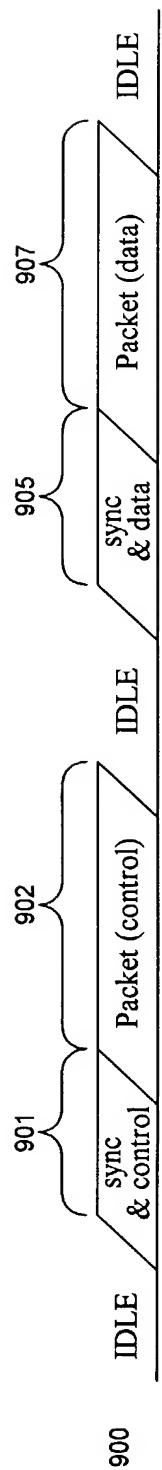
Fig. 6



**Fig. 7**

**Fig. 8**





sync & packet type

**Fig. 9A**

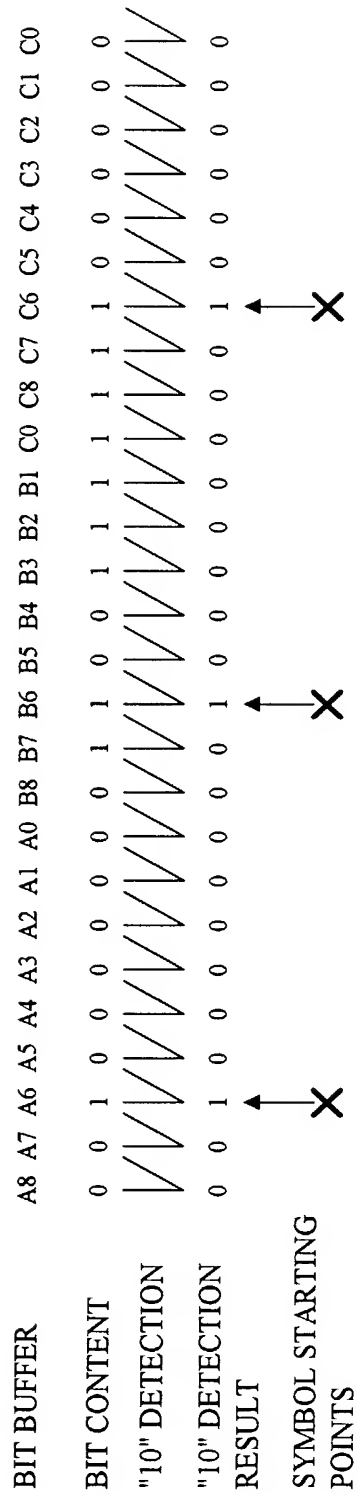
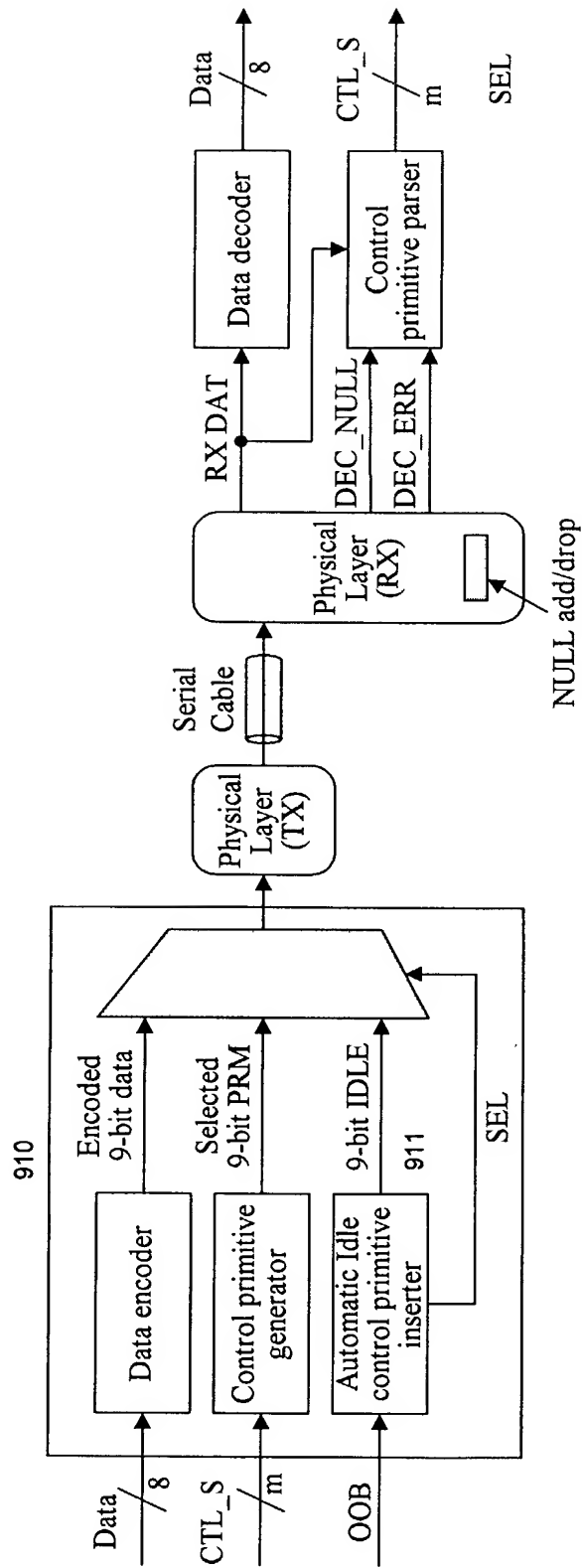


Fig. 9B



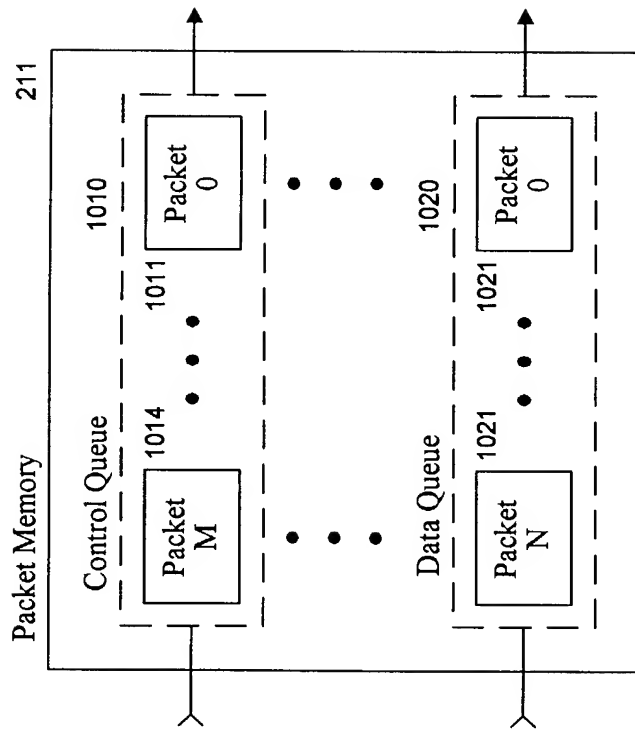
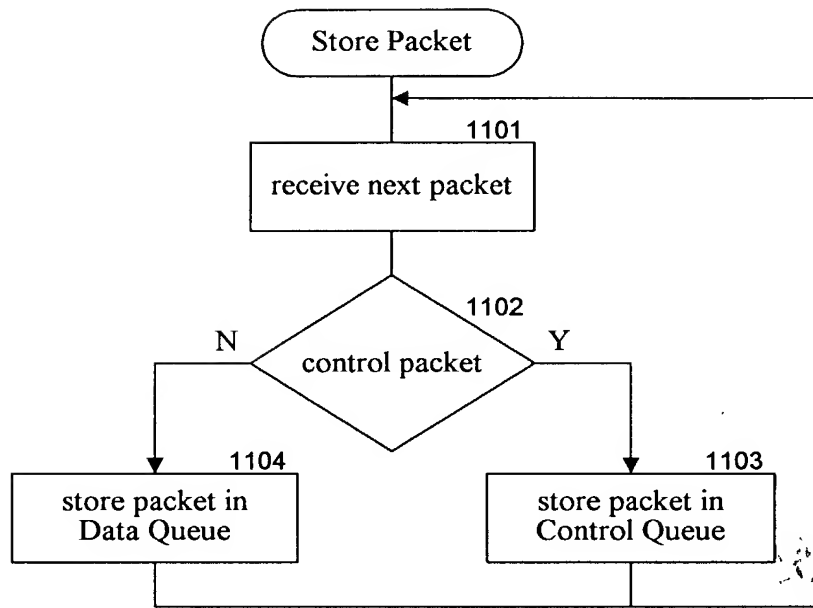
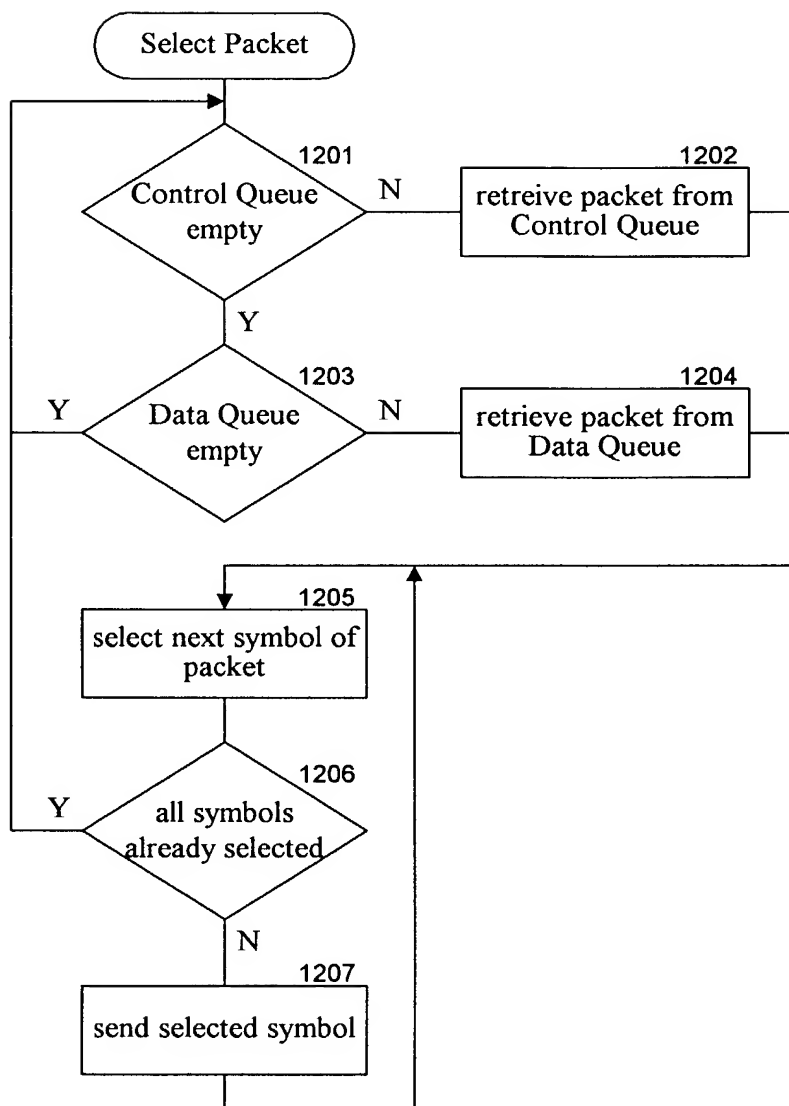


Fig. 10

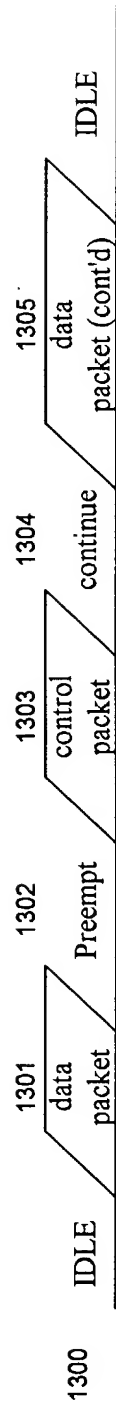
10050451 051002



**Fig. 11**



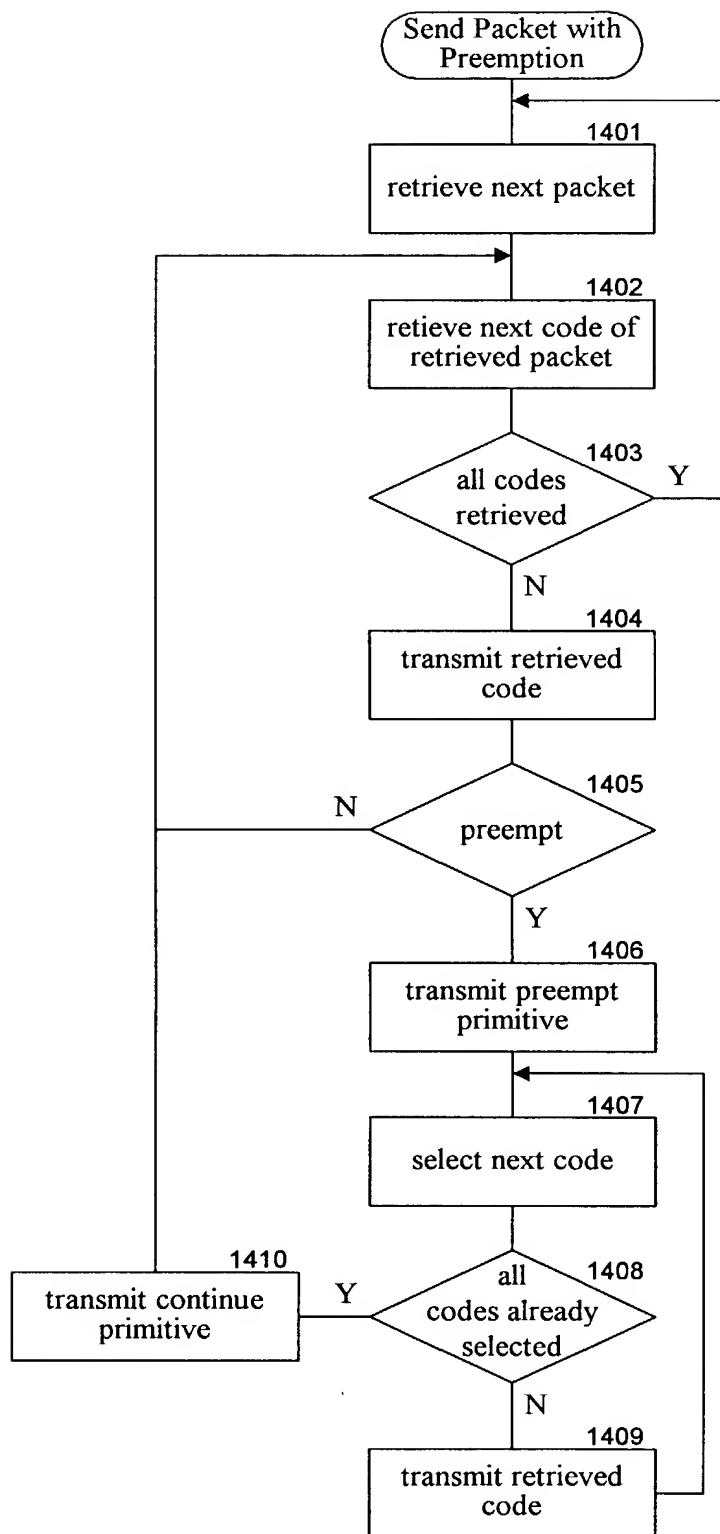
**Fig. 12**



*Fig. 13*

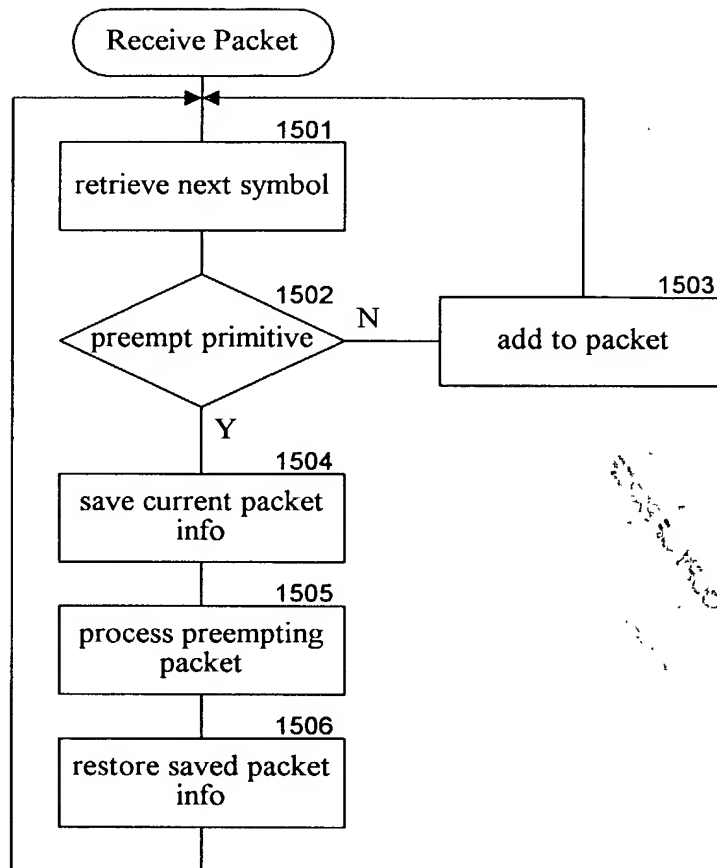
10053461 . 05 1102

10053461 . 05 1102



**Fig. 14**



*Fig. 15*

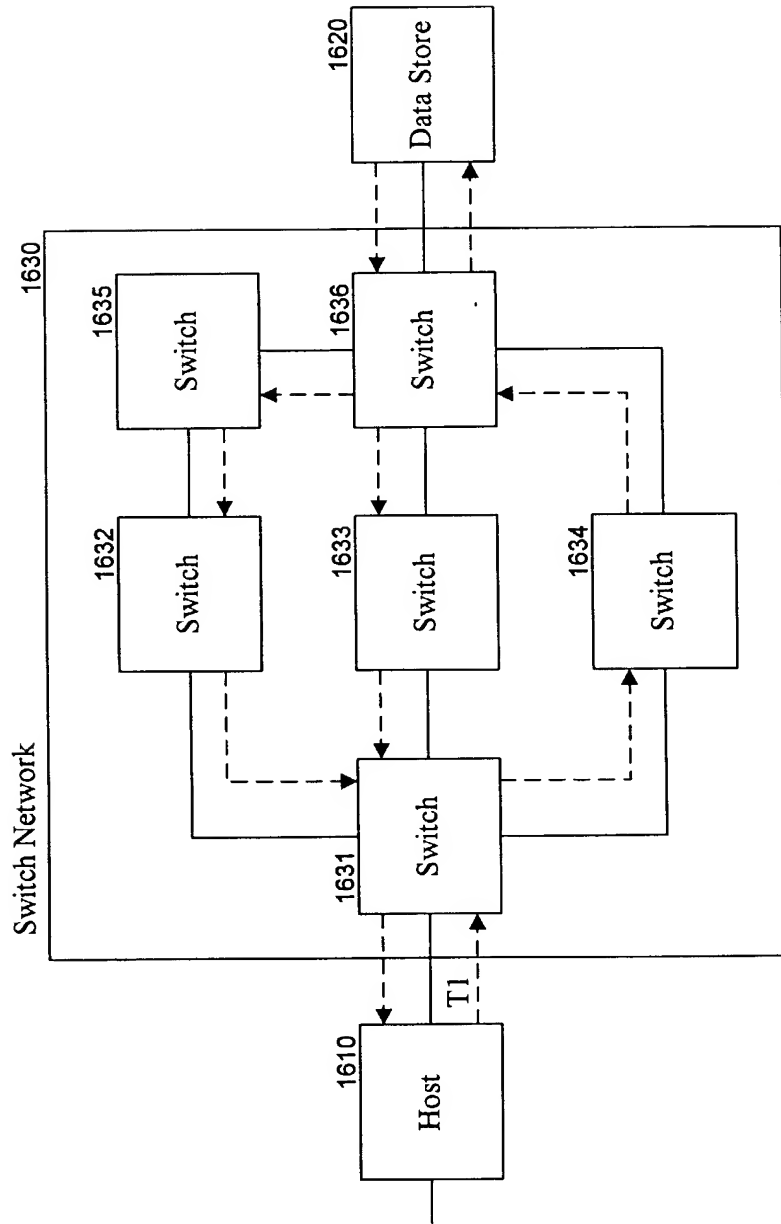
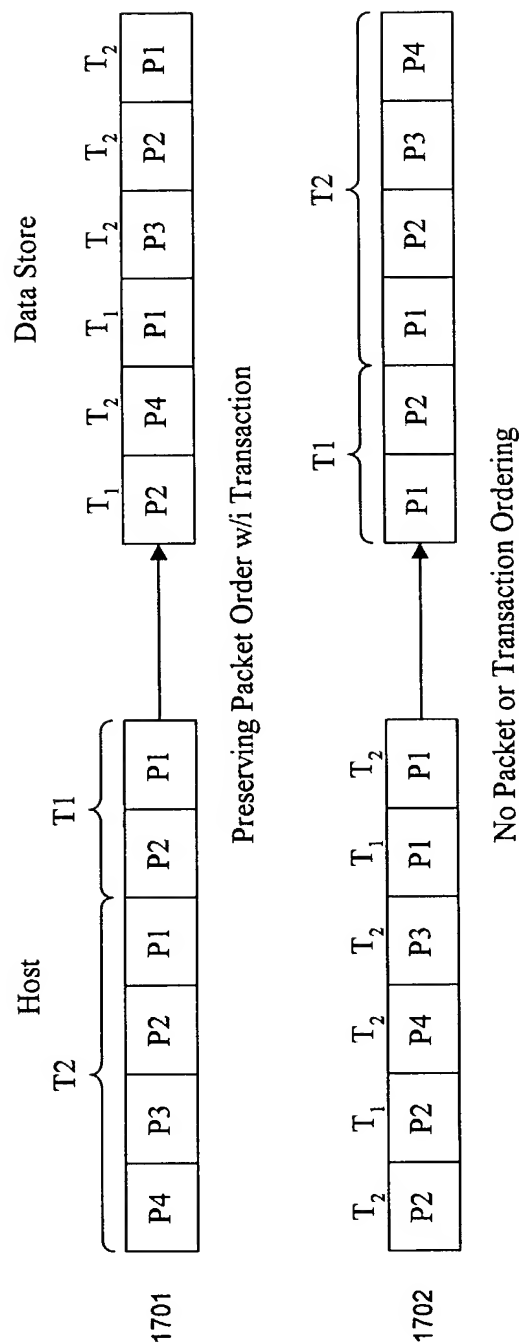
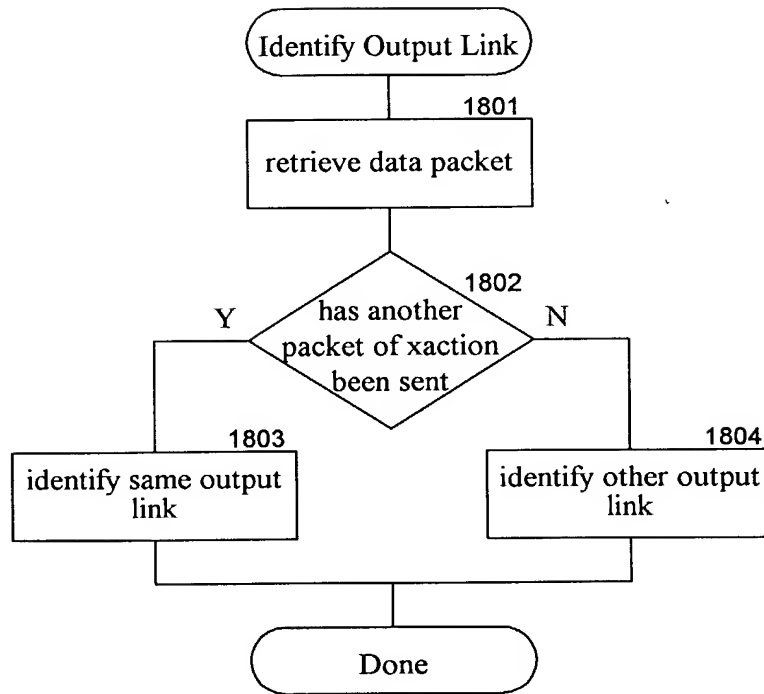


Fig. 16



**Fig. 17**



**Fig. 18**

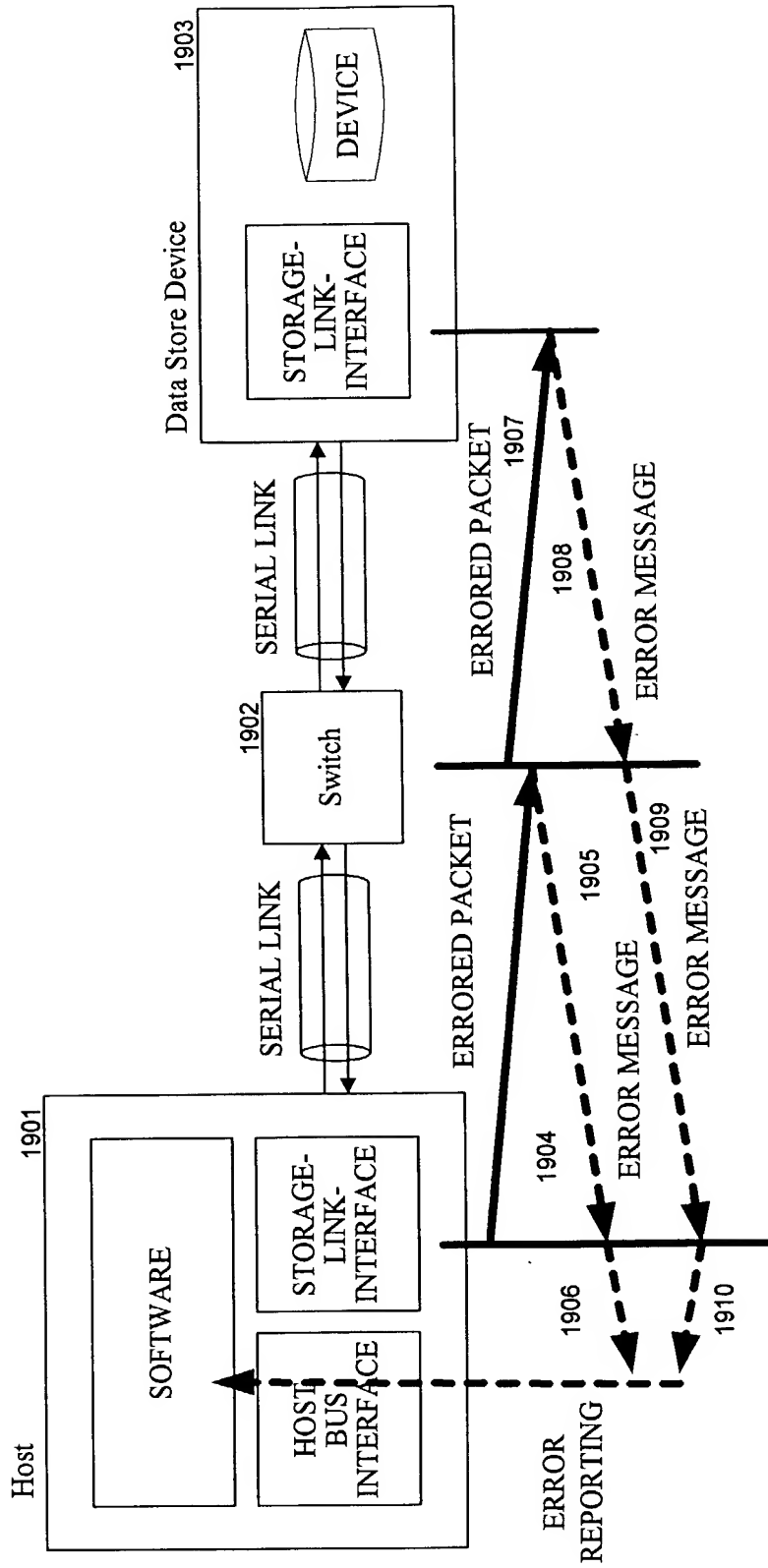


Fig. 19A

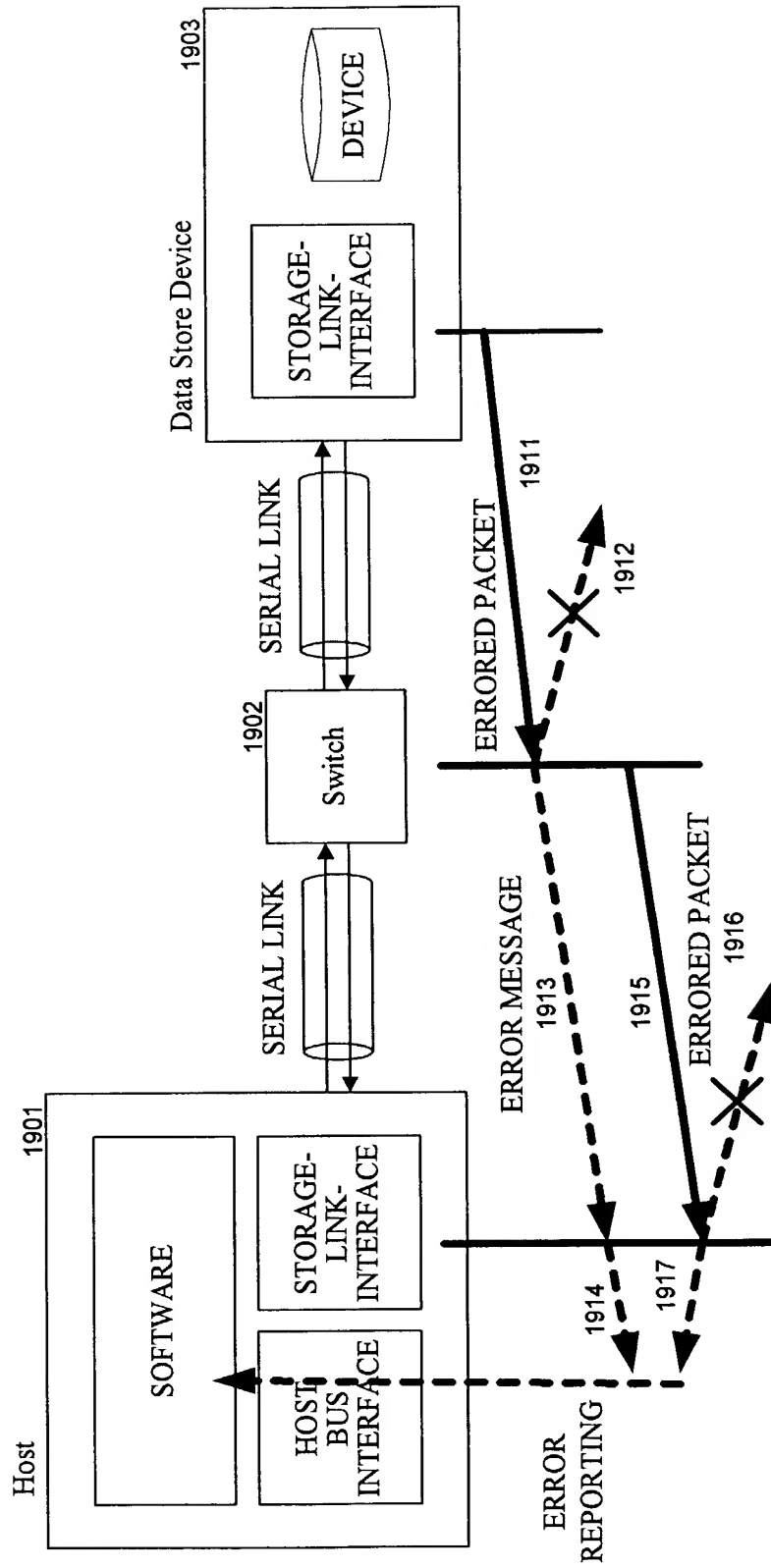


Fig. 19B

**Fig. 19C**

[REDACTED]



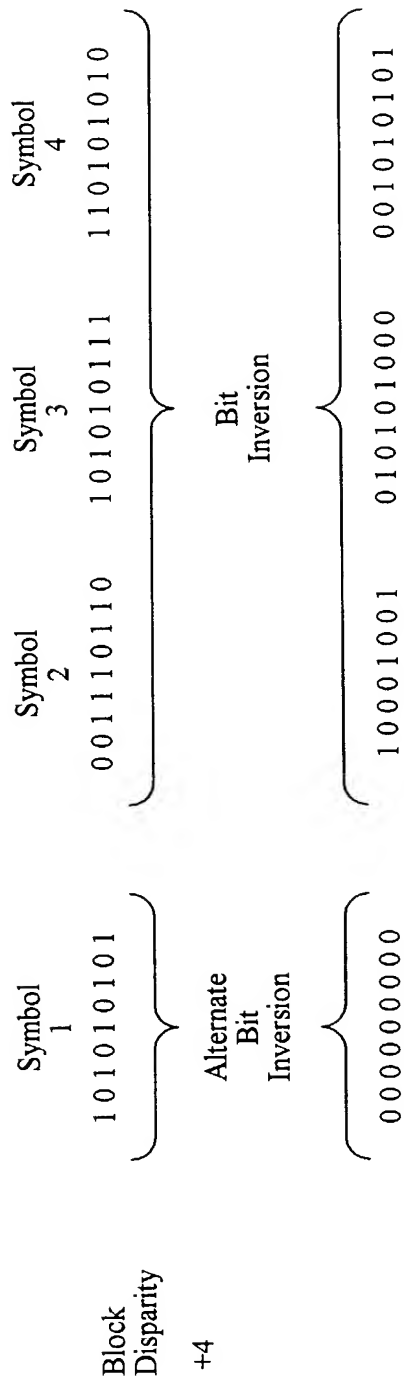


Fig. 21A

10053463 051002

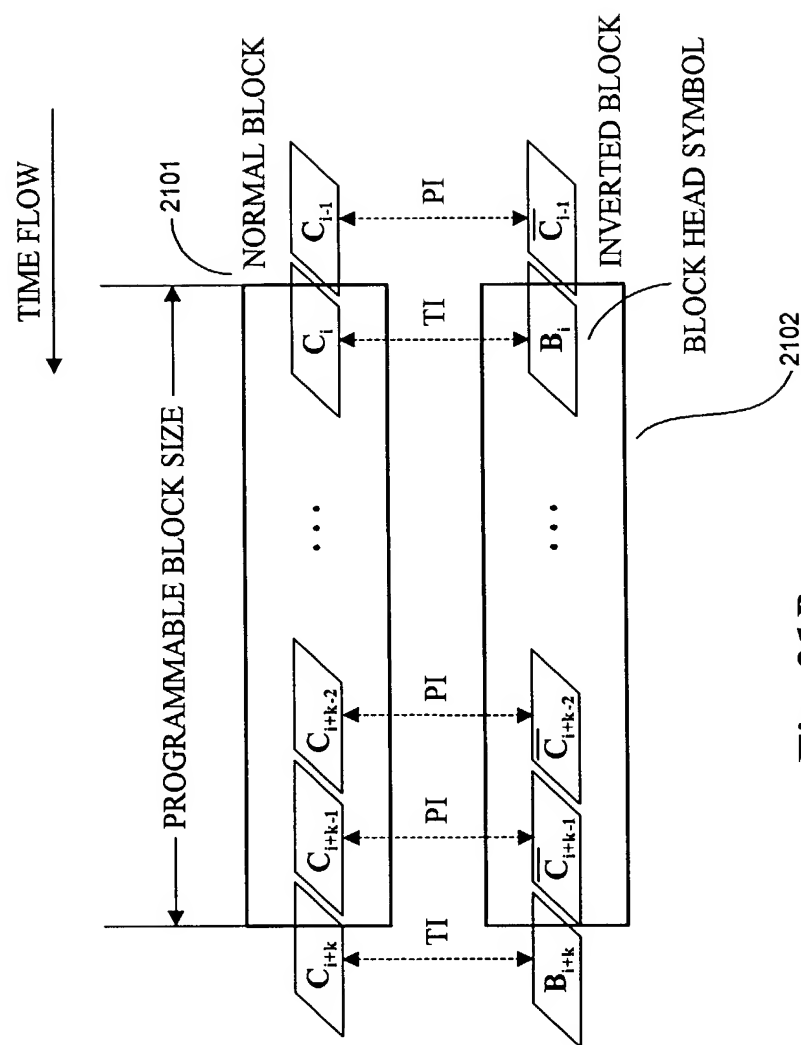
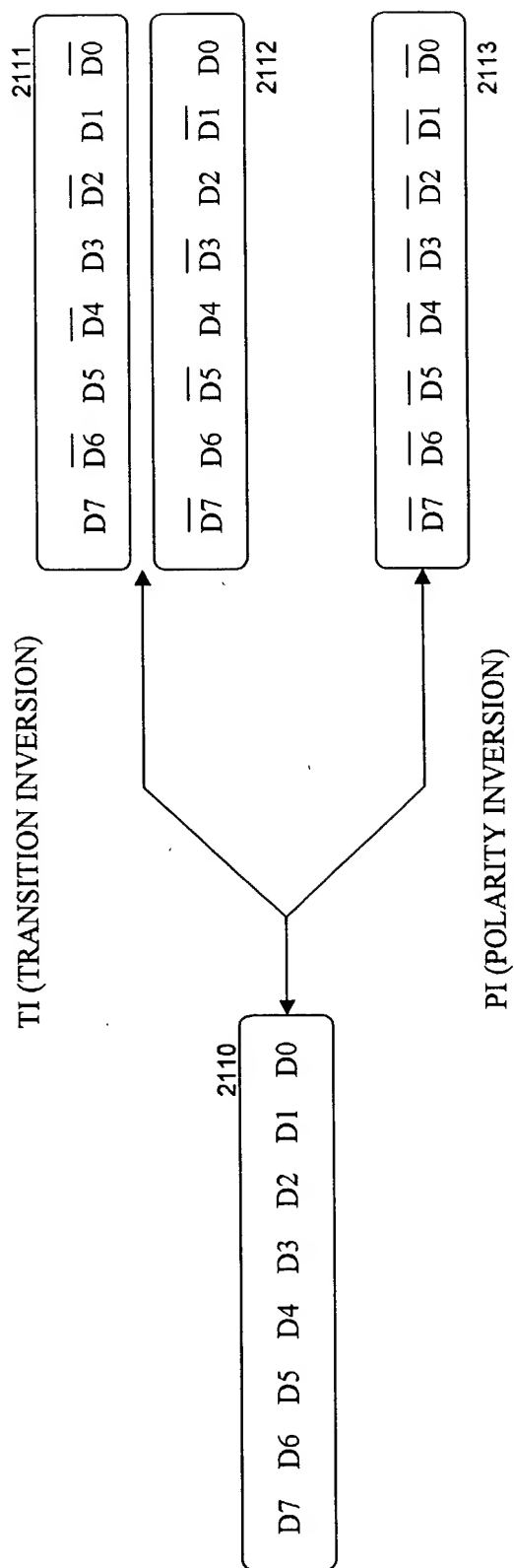
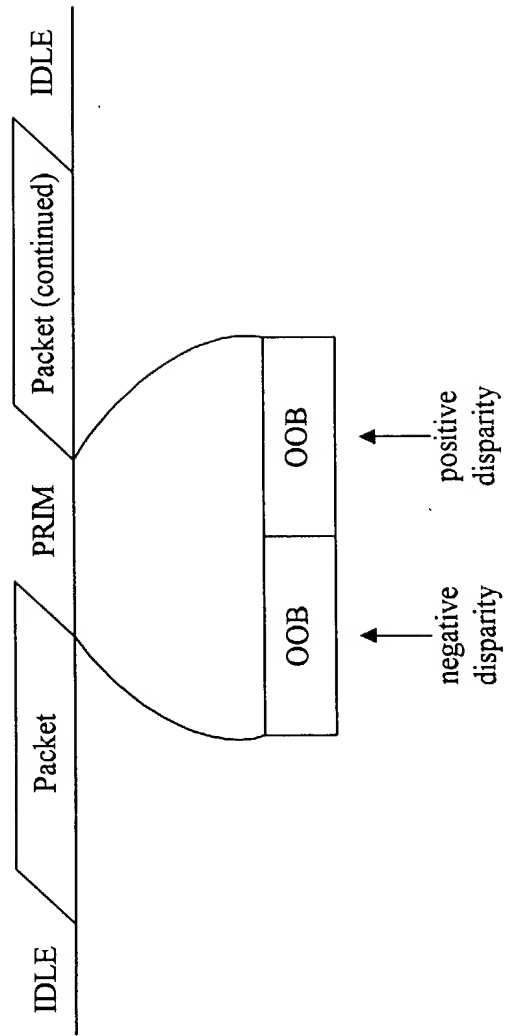


Fig. 21B

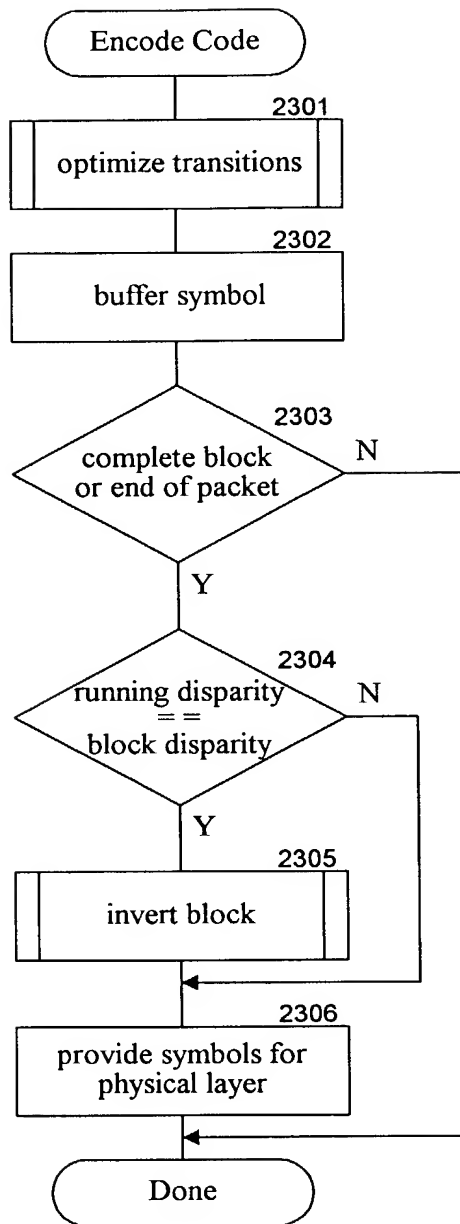


**Fig. 21C**

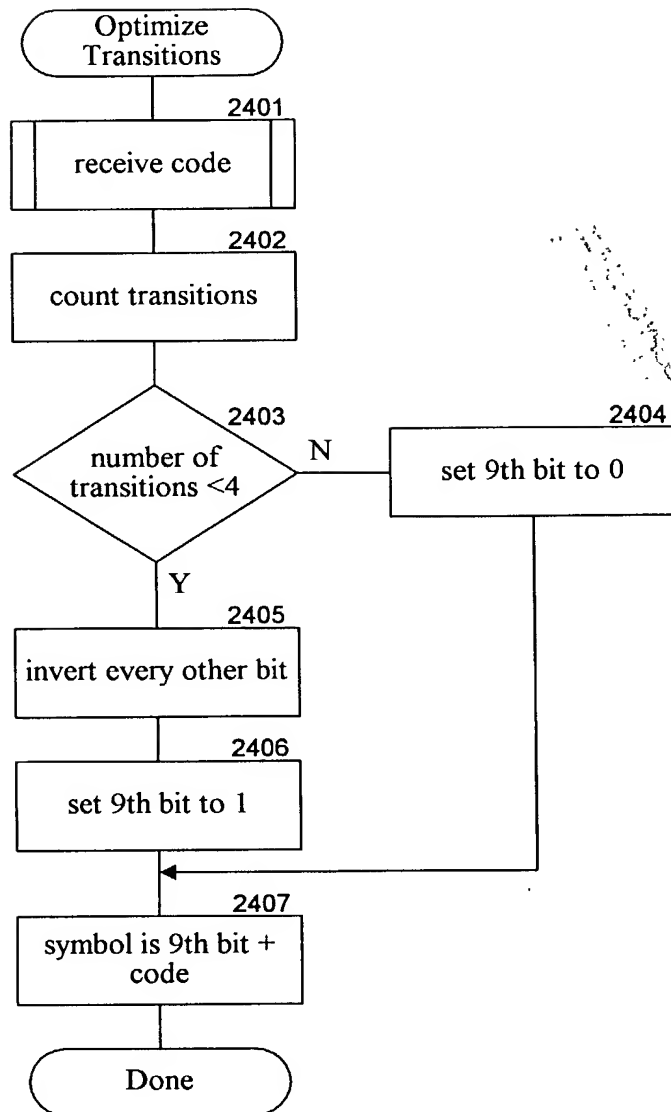
1005246.1 05.17.02



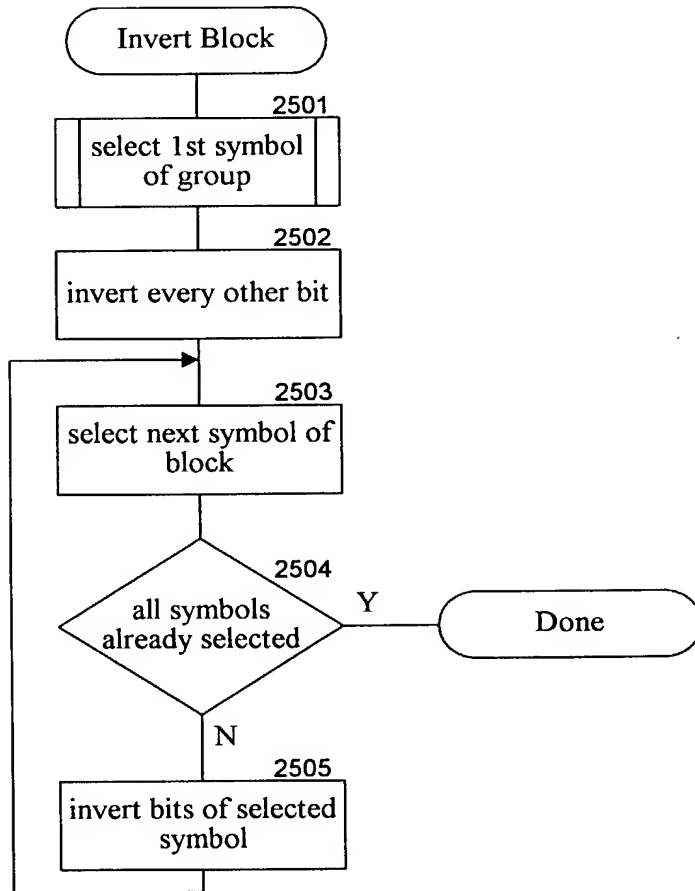
**Fig. 22**



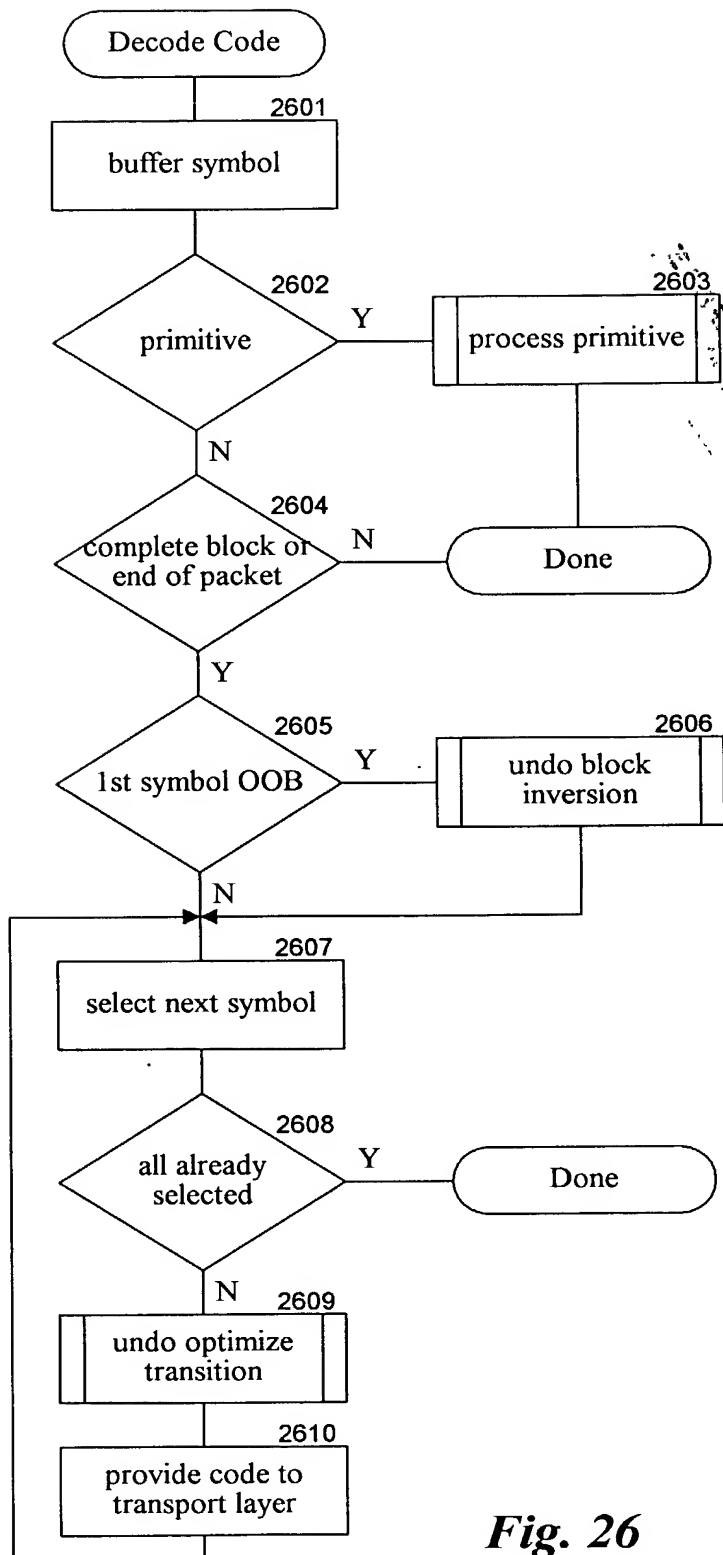
**Fig. 23**



**Fig. 24**

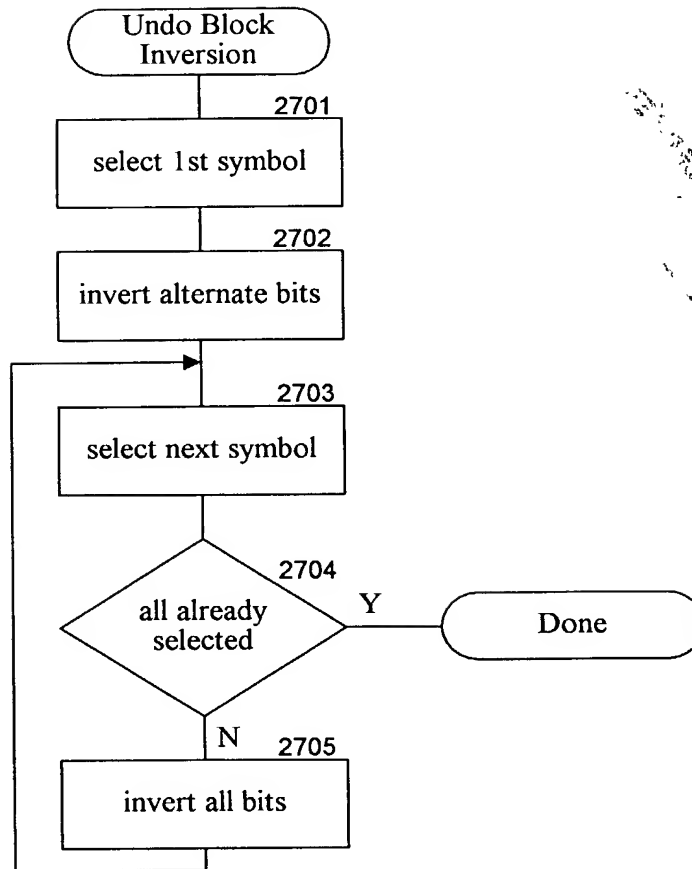


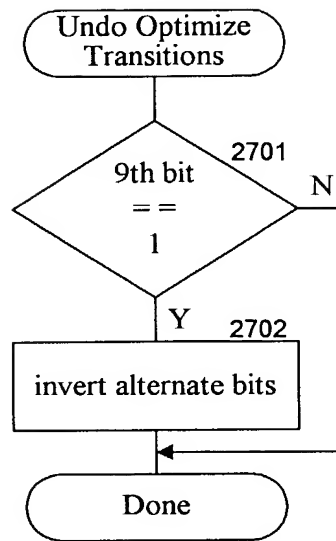
**Fig. 25**



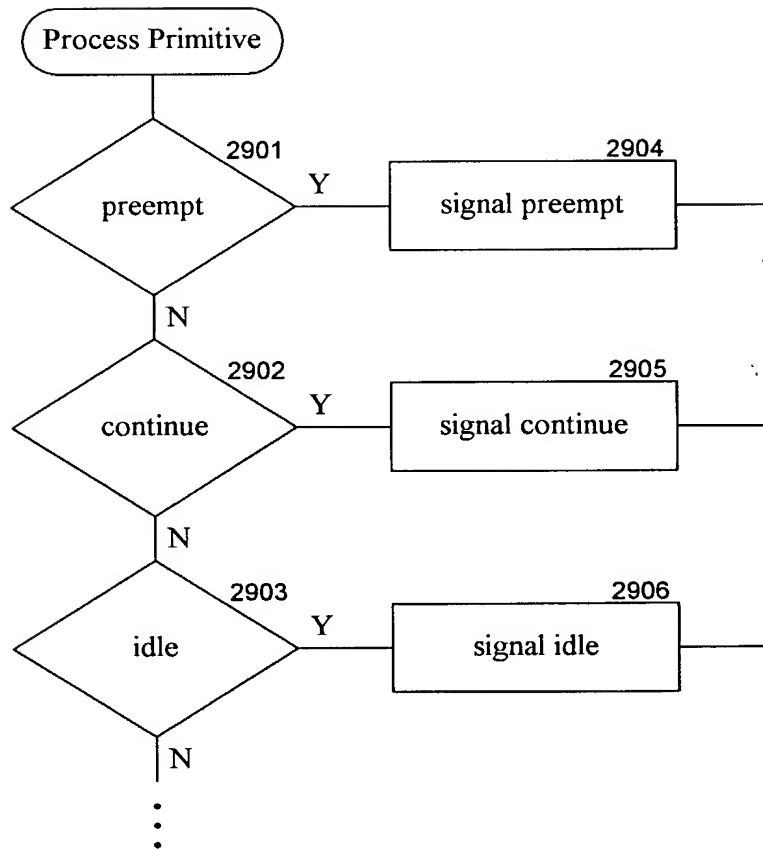
**Fig. 26**



**Fig. 27**



**Fig. 28**



**Fig. 29**

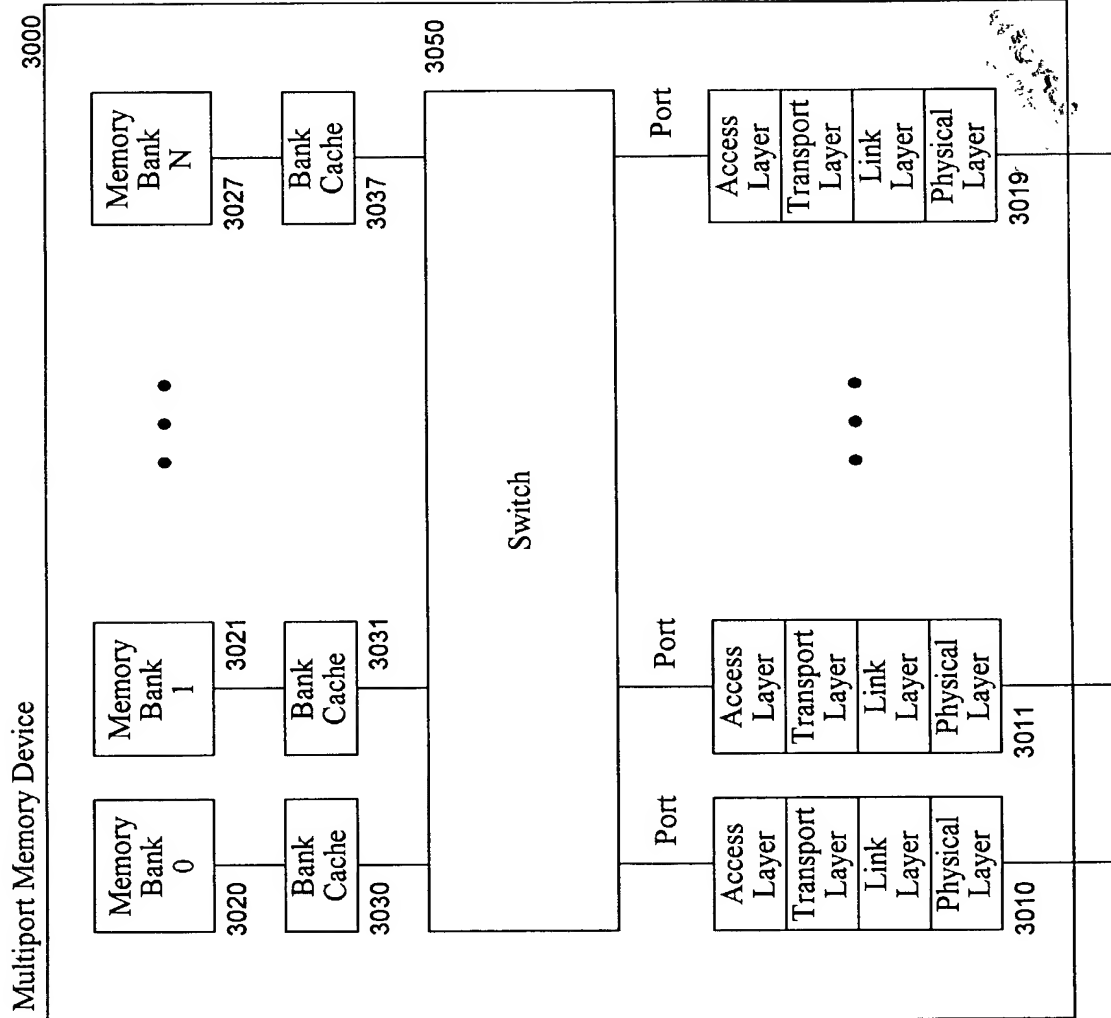


Fig. 30

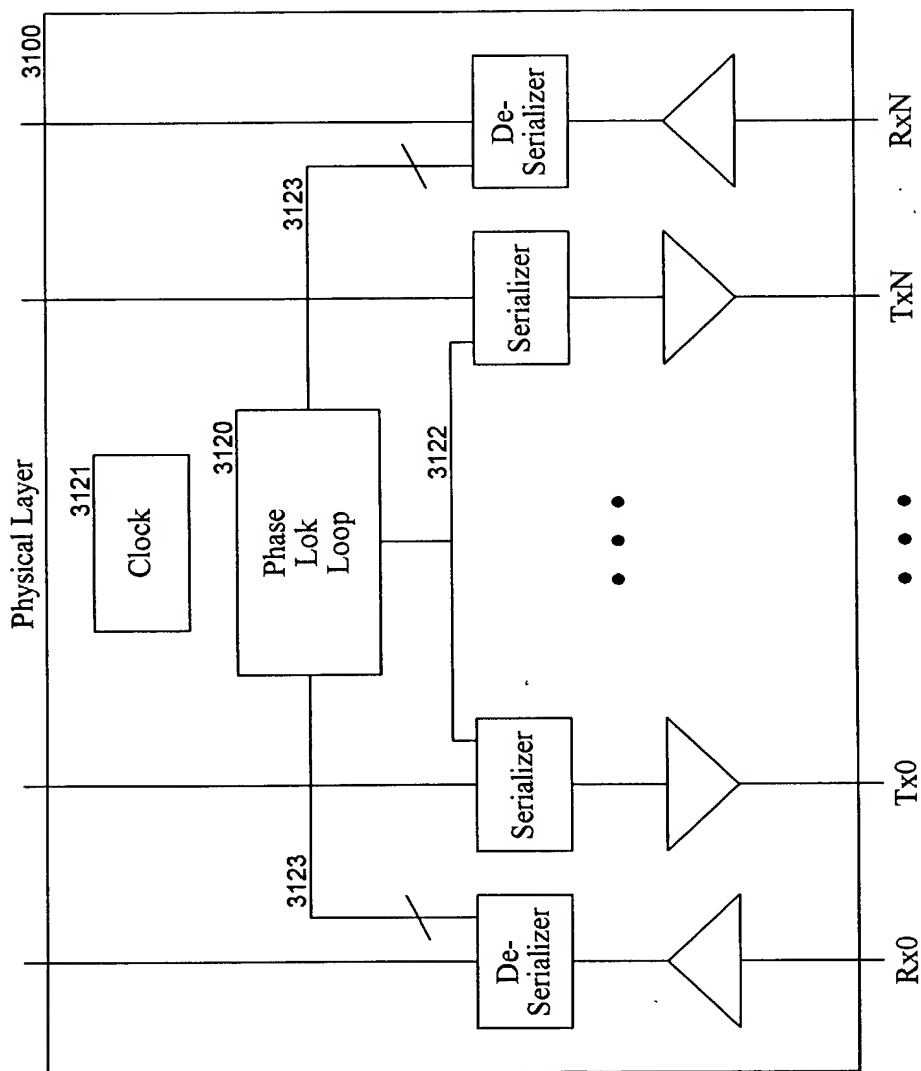
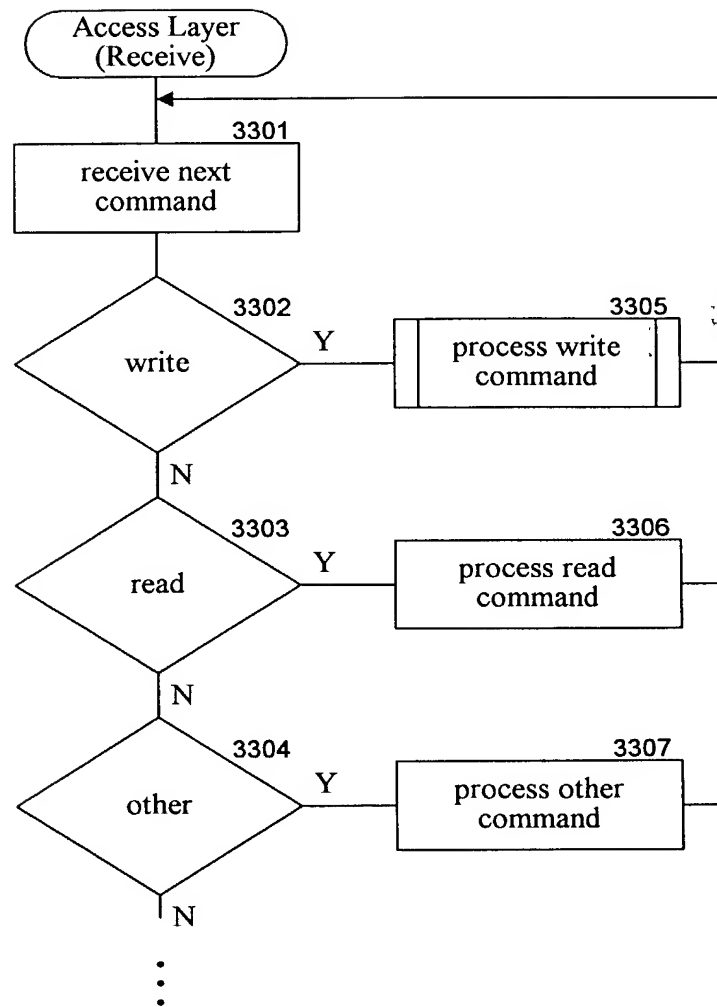


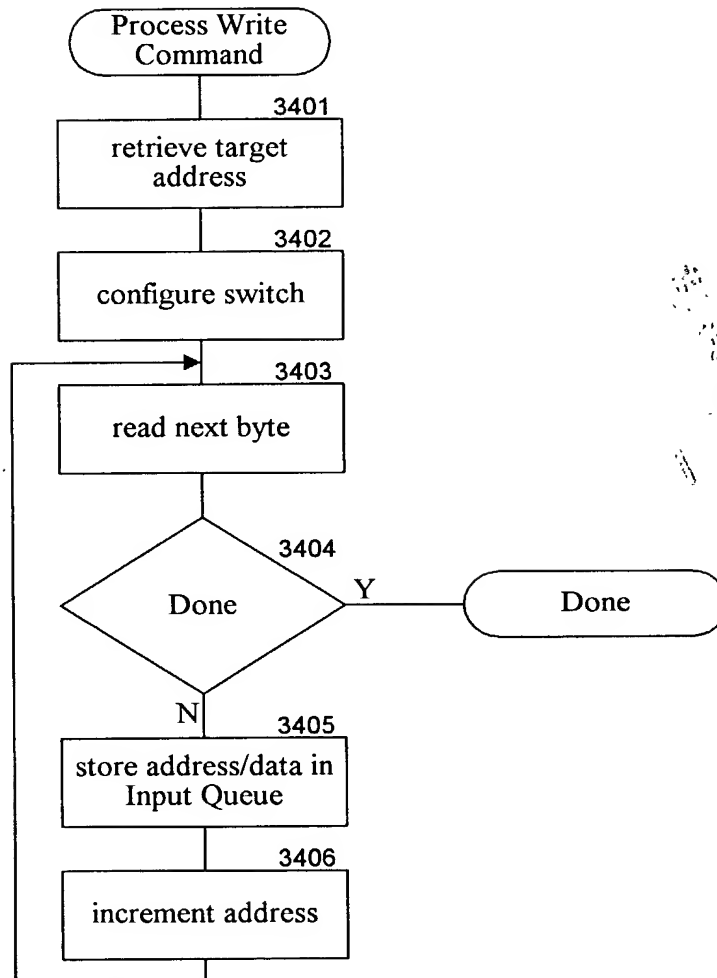
Fig. 31

Input Queue 3201				Output Queue 3202		
Port	R/W	Address	Data	Valid	Port	Data
3	R	1000		1	3	11...0
4	W	4000	10...1	0		
3	W	1000	111...0	0		
3	R	2000		1	3	101...1
	⋮				⋮	

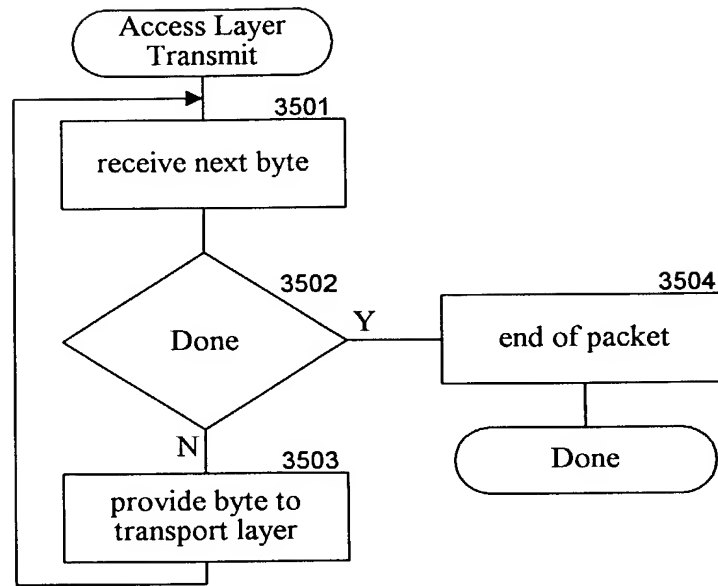
Fig. 32



**Fig. 33**

**Fig. 34**





**Fig. 35**

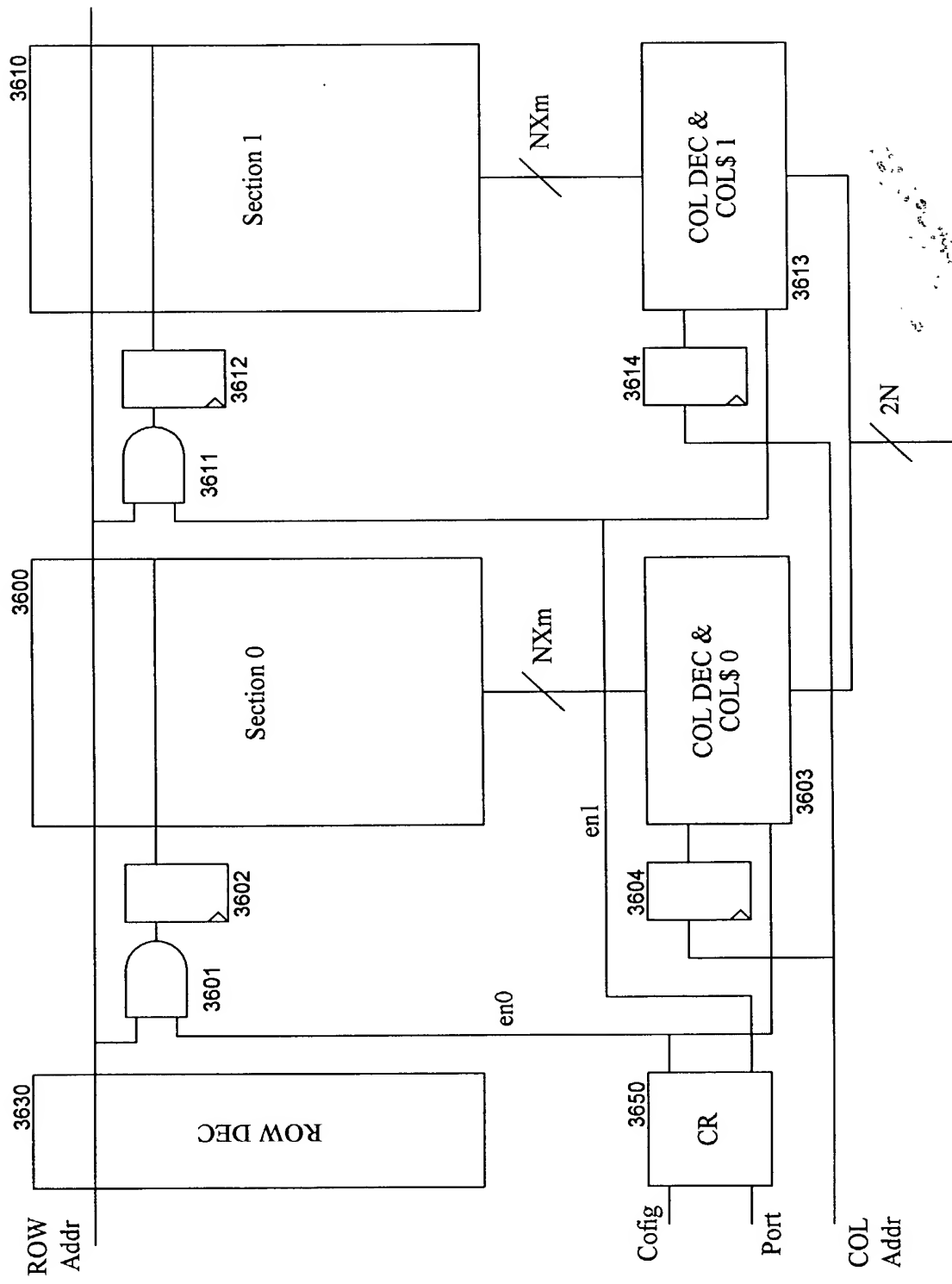


Fig. 36

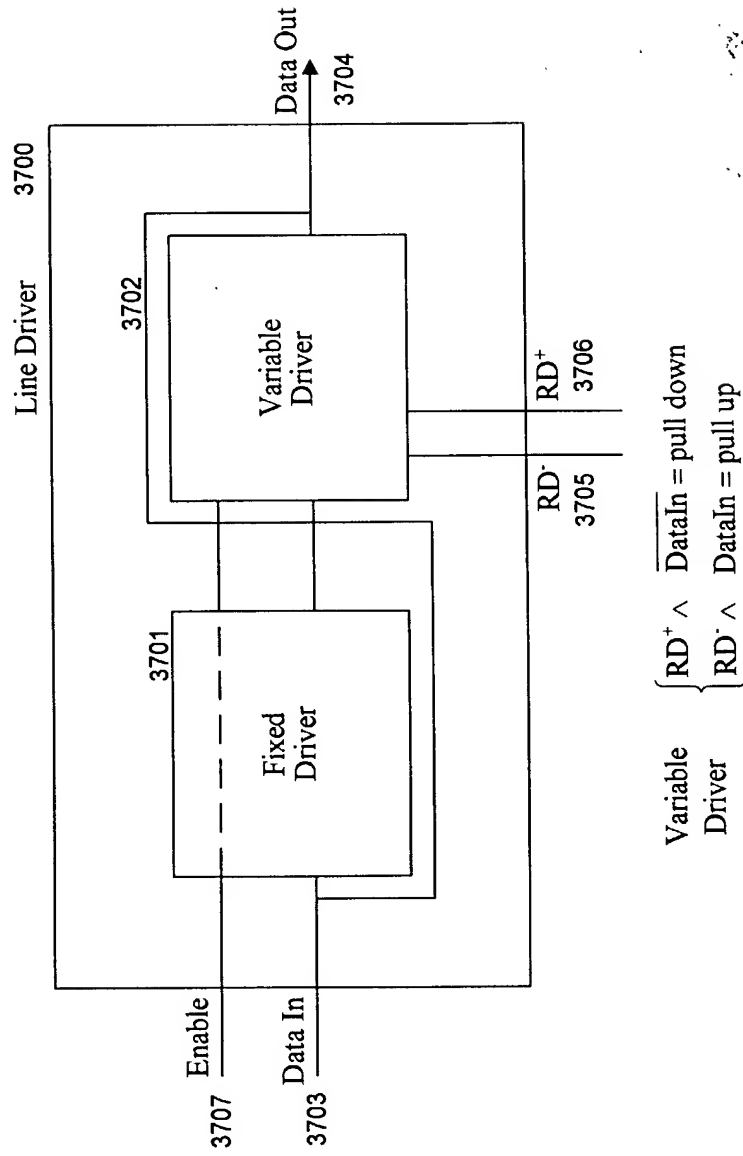


Fig. 37A

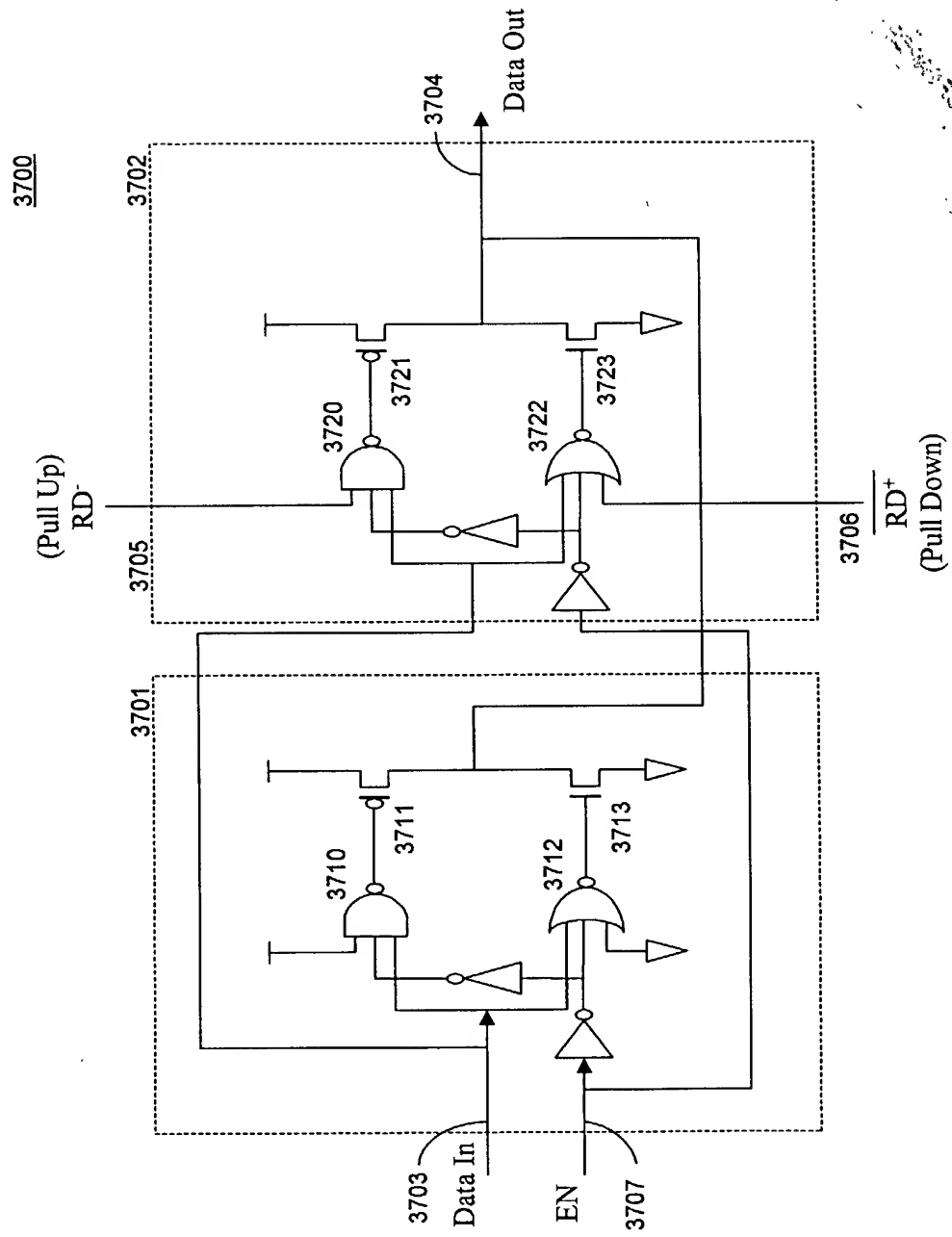


Fig. 37B

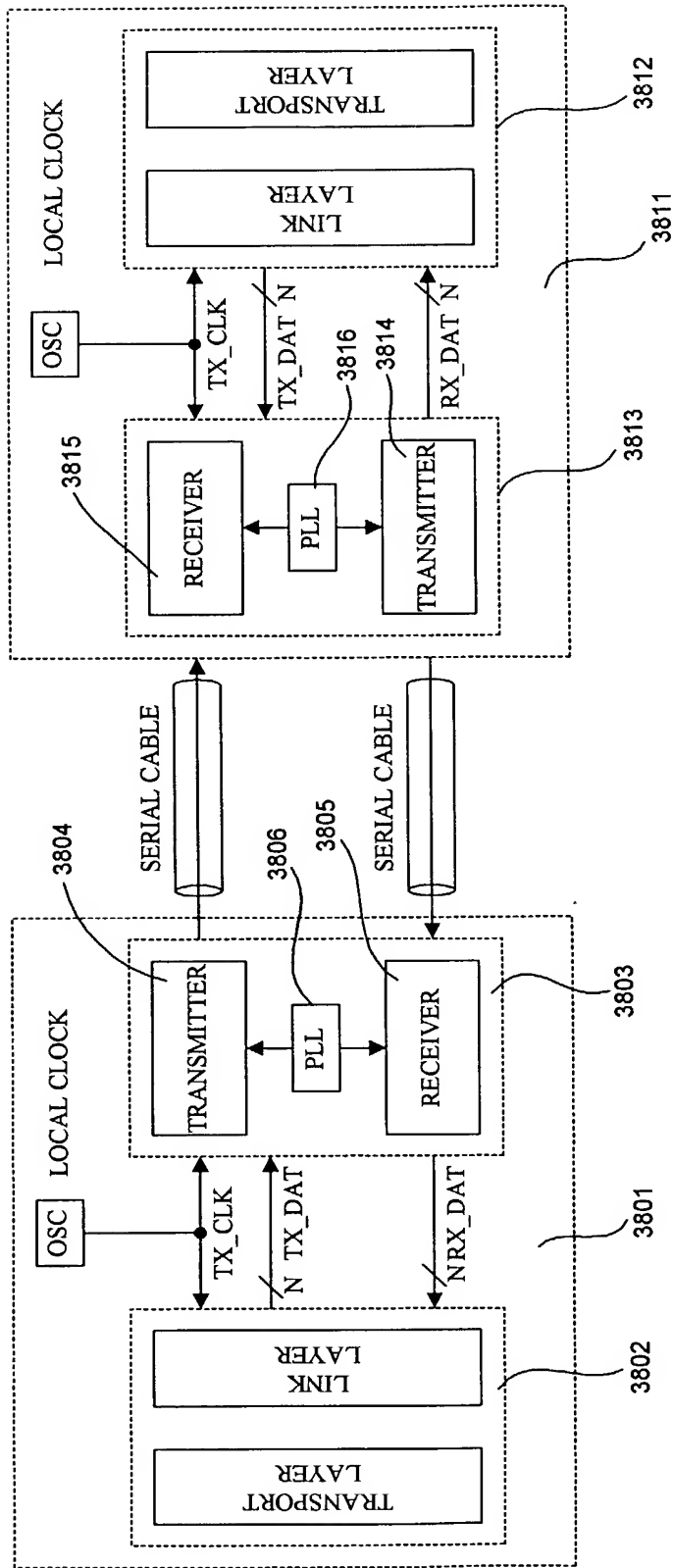


Fig. 38A

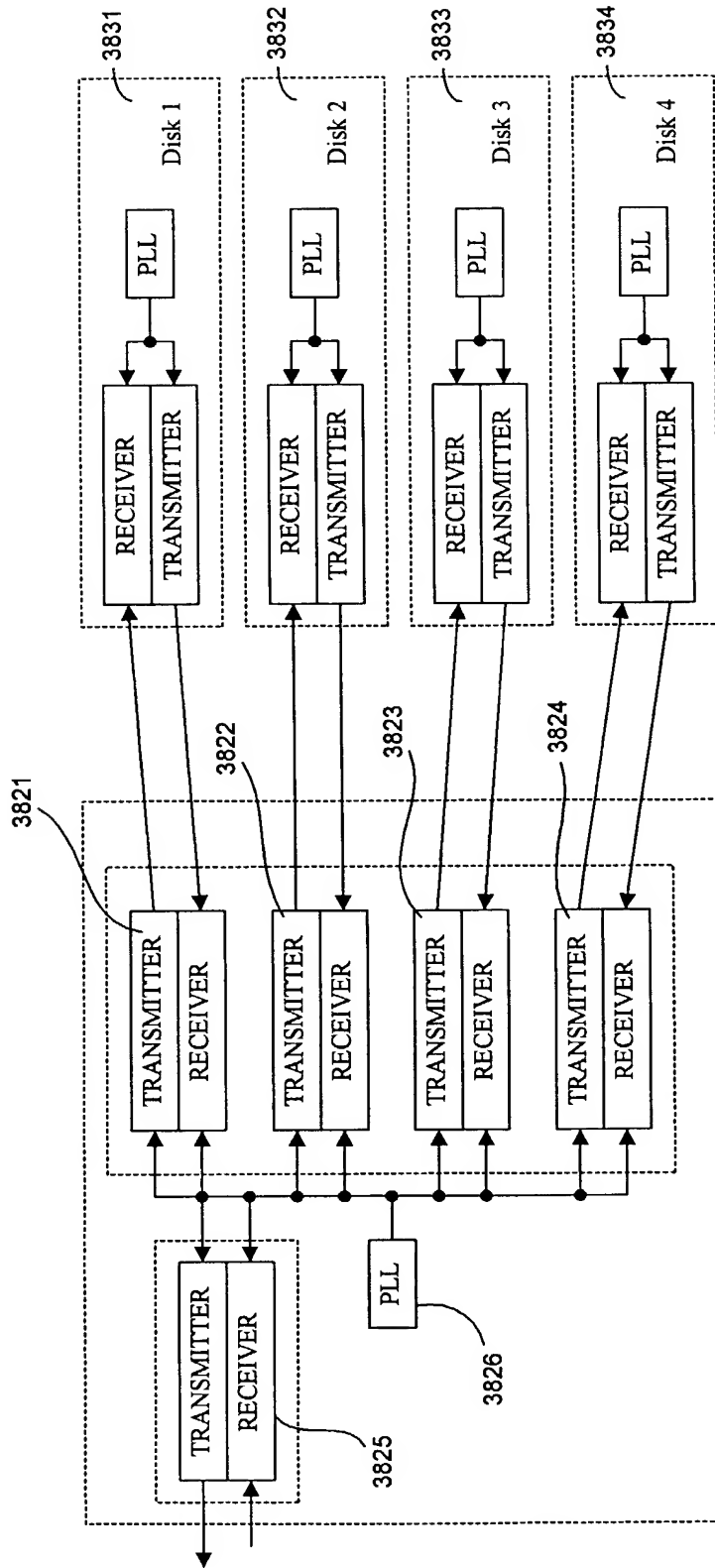
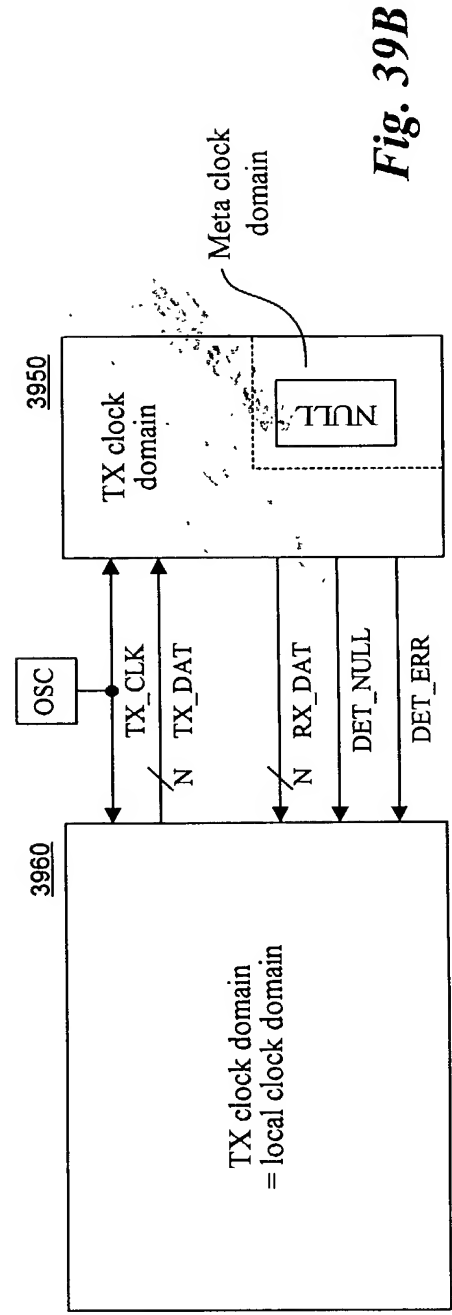
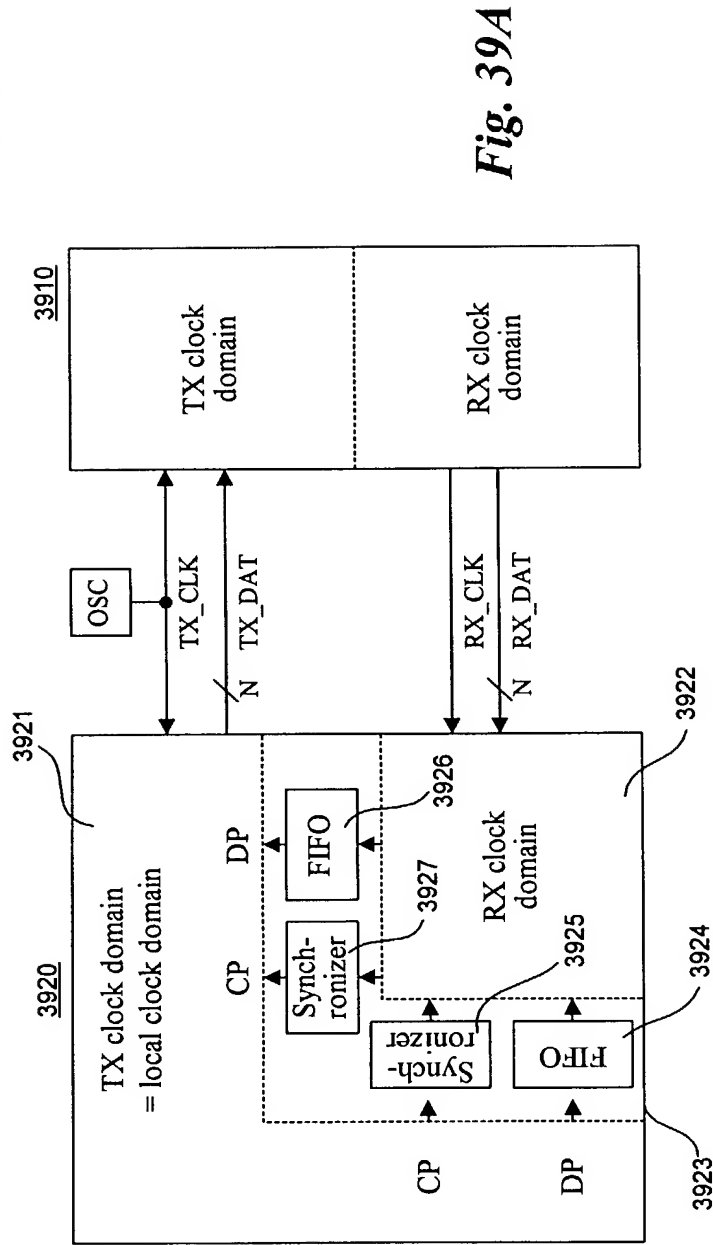


Fig. 38B



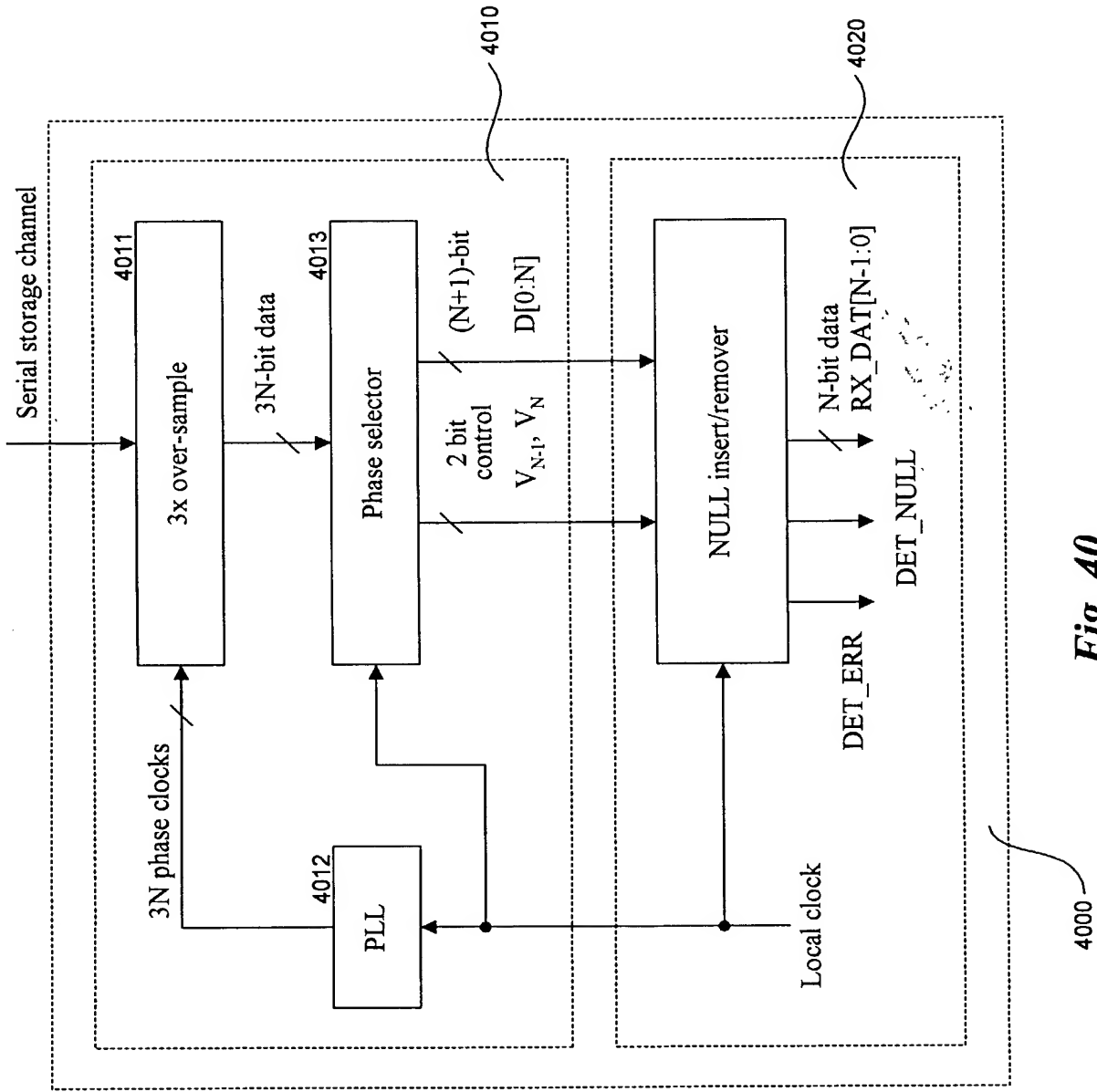


Fig. 40



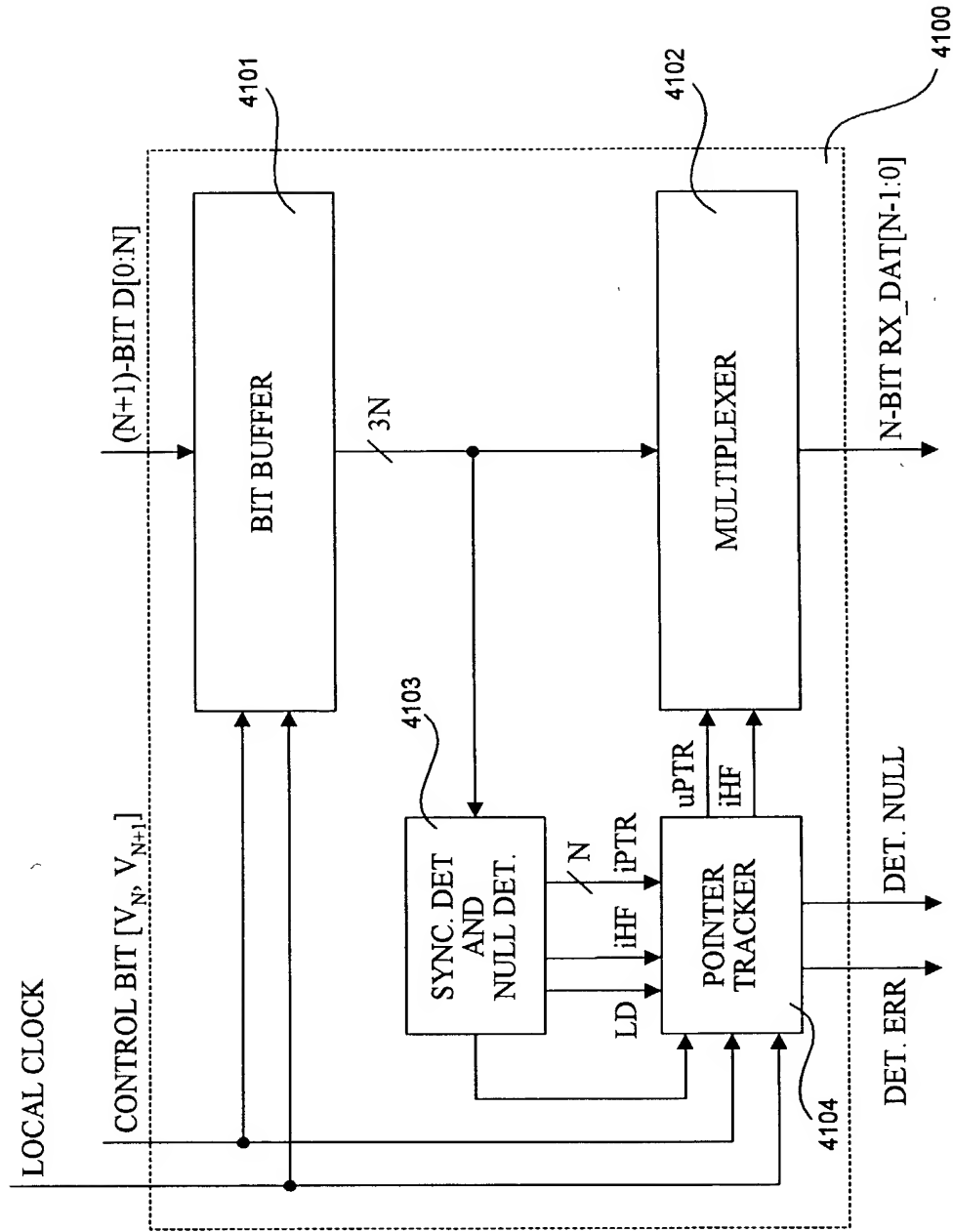
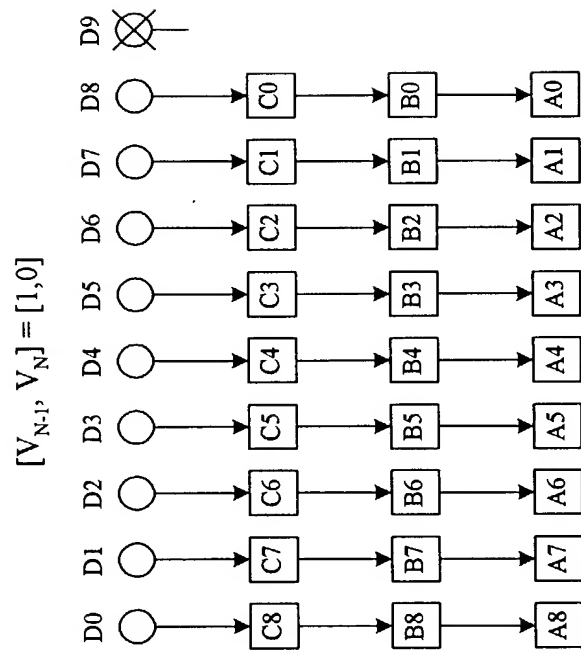


Fig. 41



*Fig. 42A*

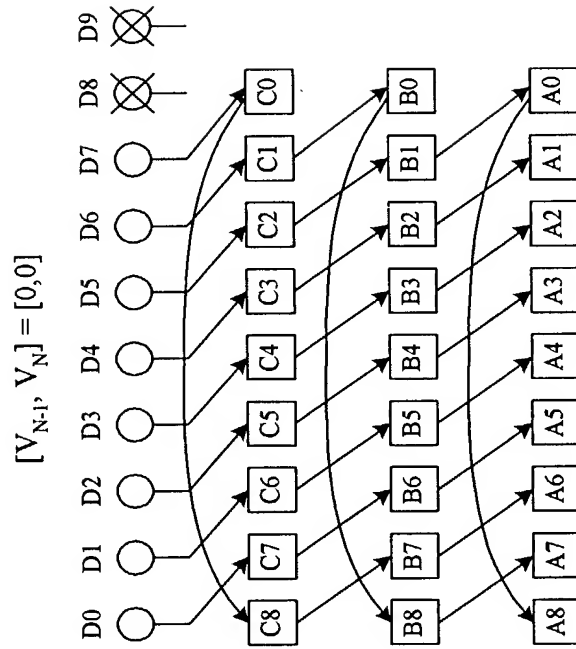
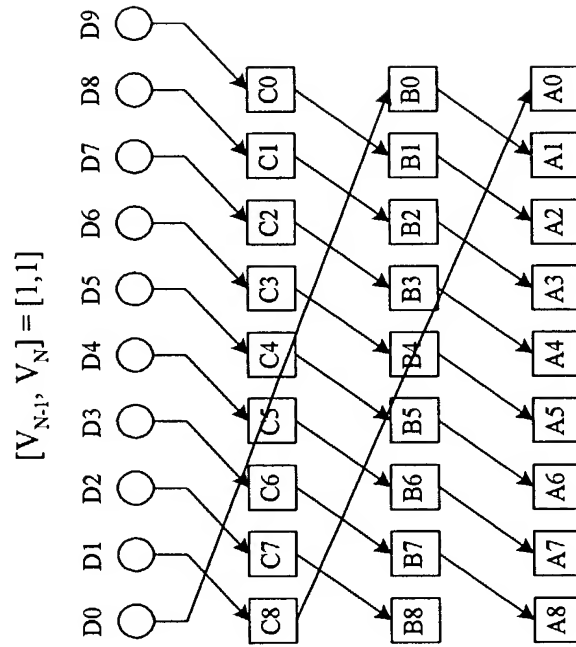
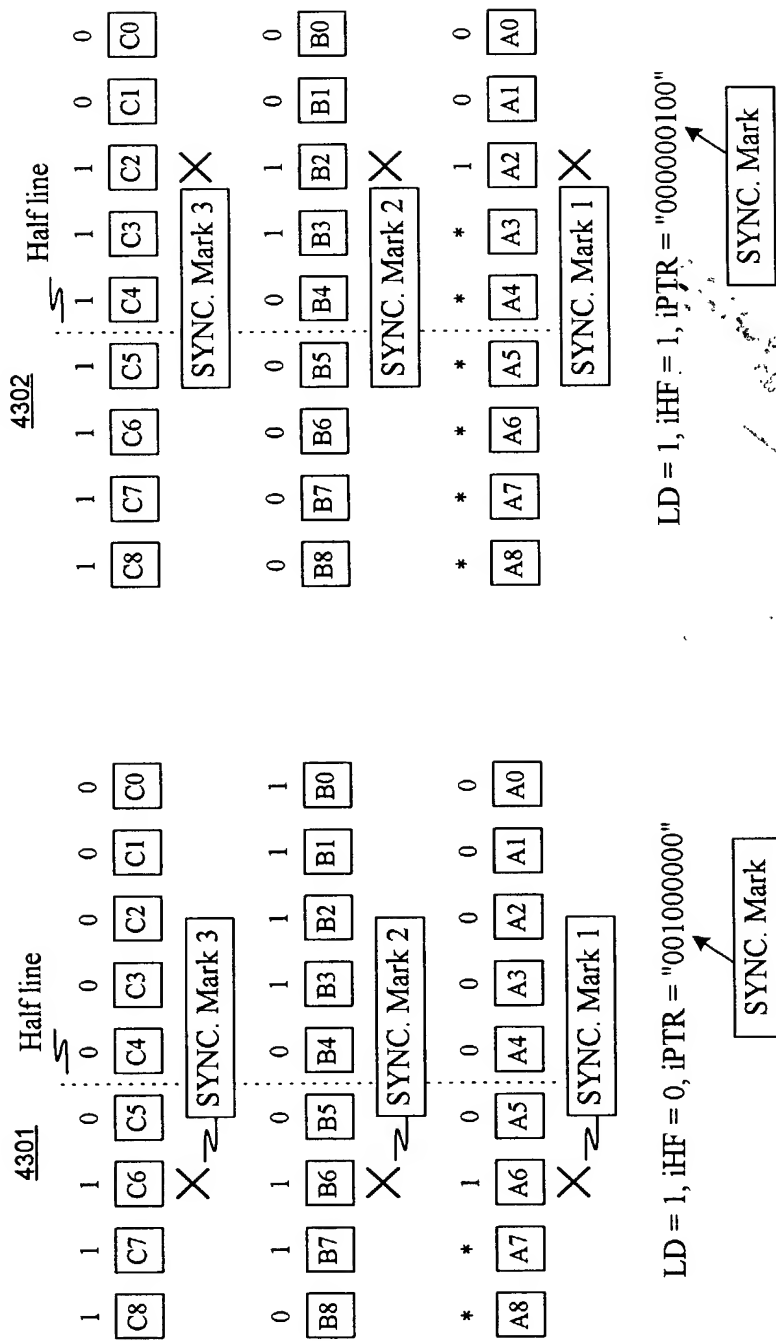


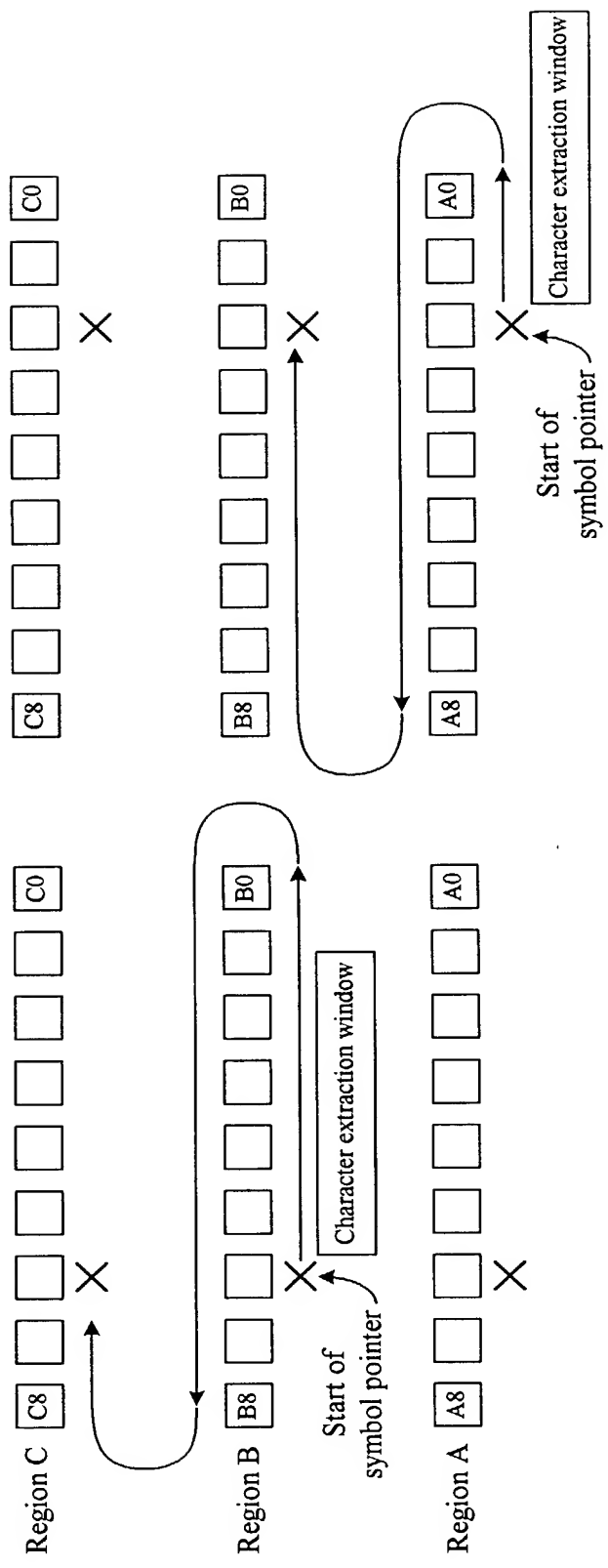
Fig. 42B



**Fig. 42C**



**Fig. 43**



LD = 1, iHF = 1, iPTR = "000000100"

LD = 1, iHF = 0, iPTR = "001000000"

Fig. 44

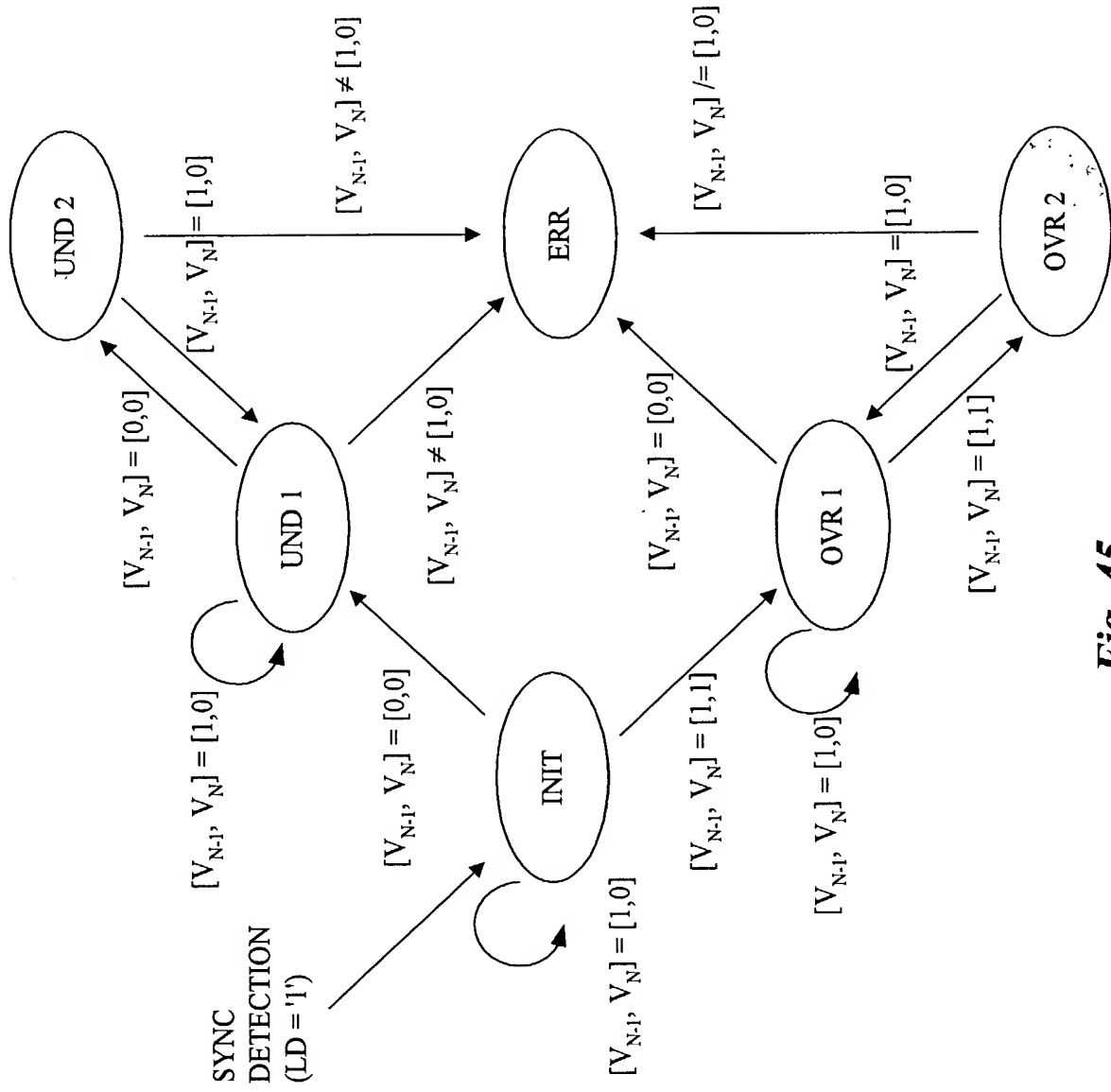


Fig. 45

**Fig. 46**



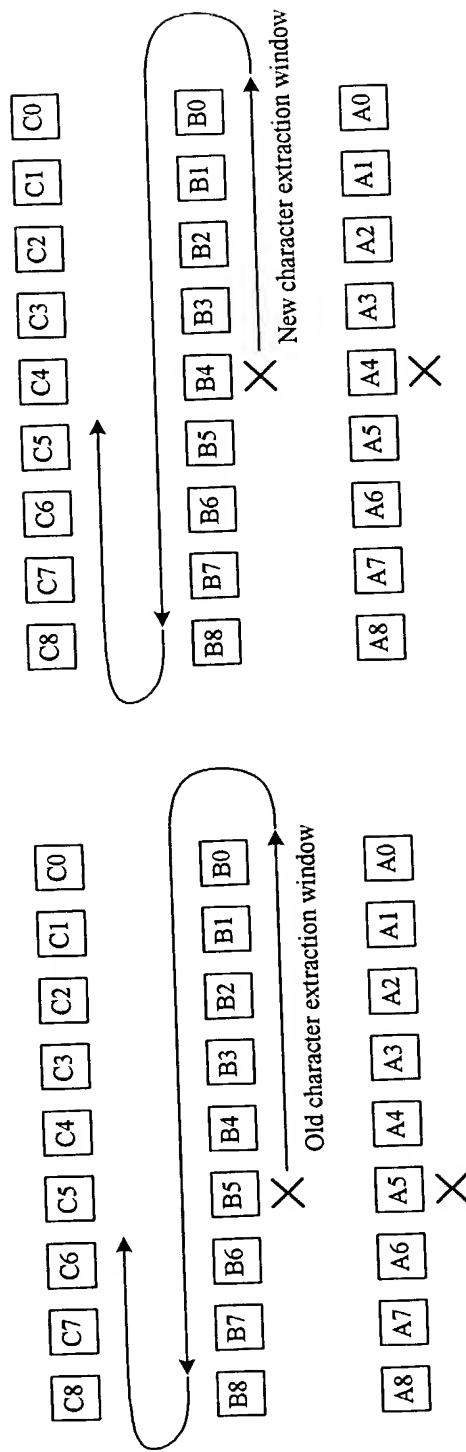


Fig. 47A

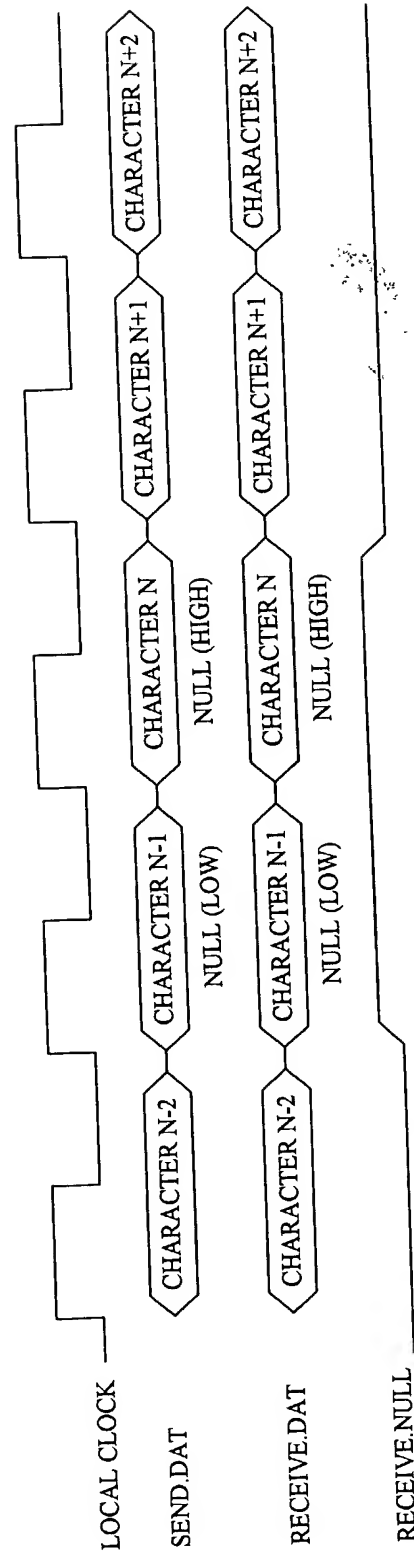
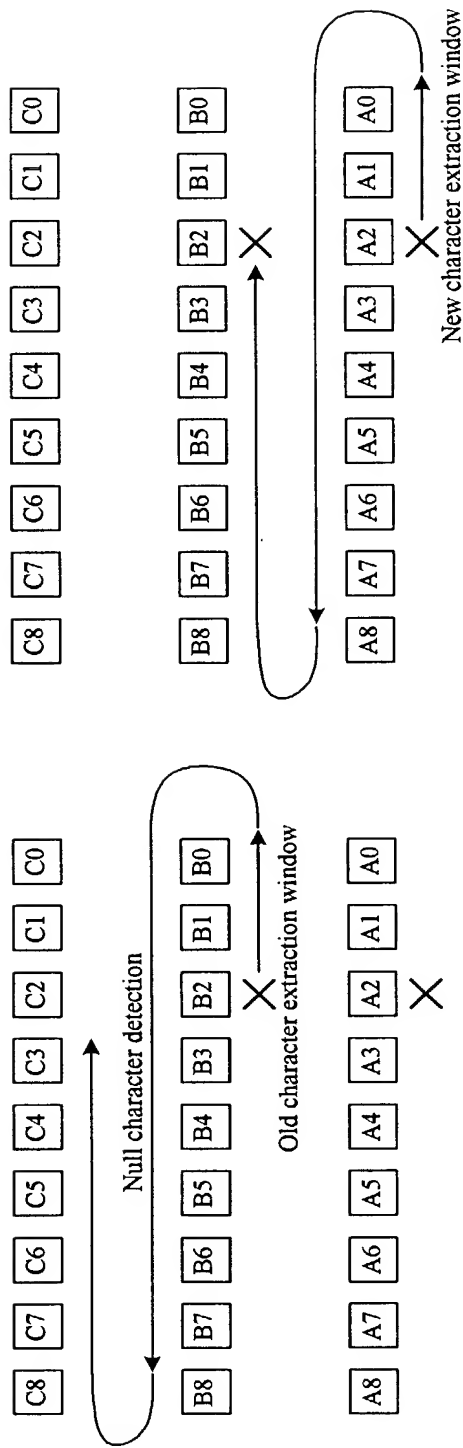
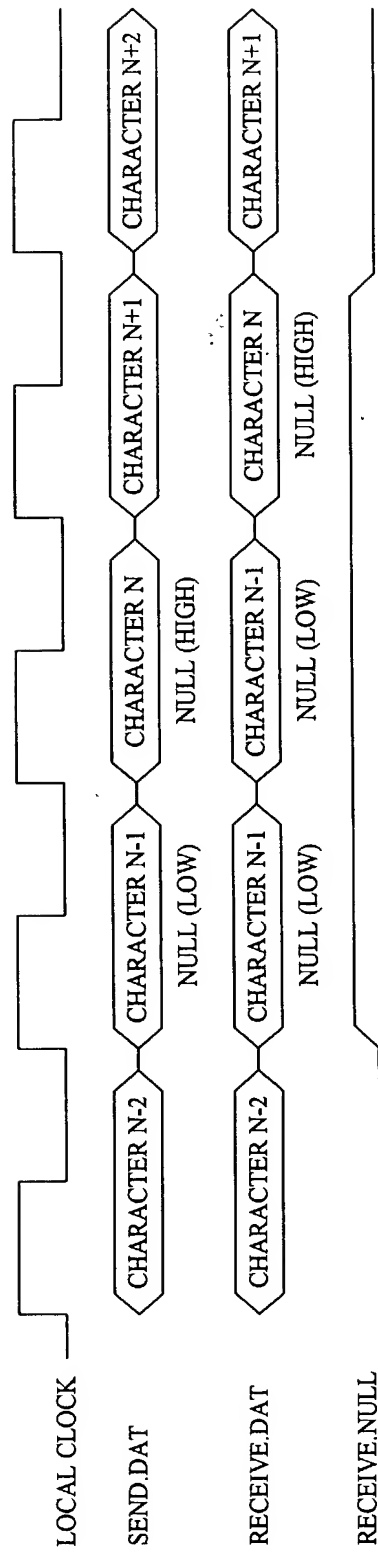


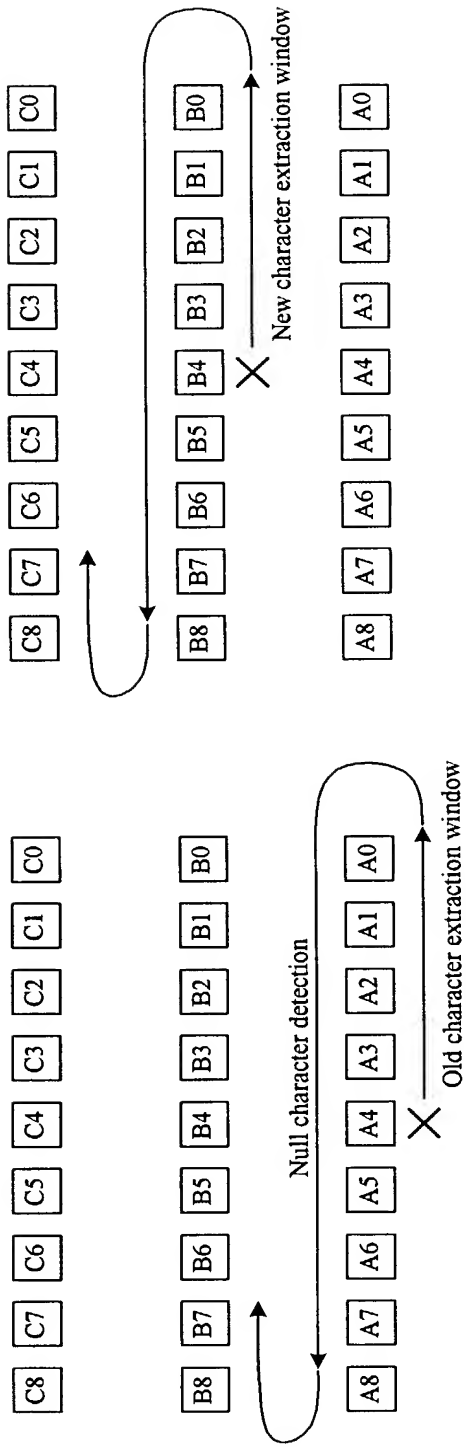
Fig. 47B



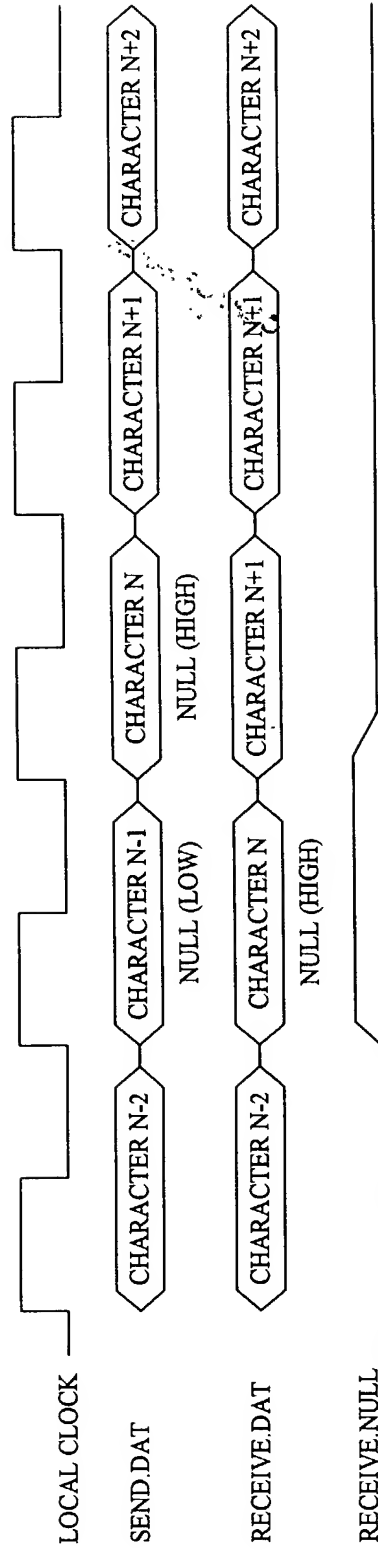
**Fig. 48A**



**Fig. 48B**



**Fig. 49A**



**Fig. 49B**